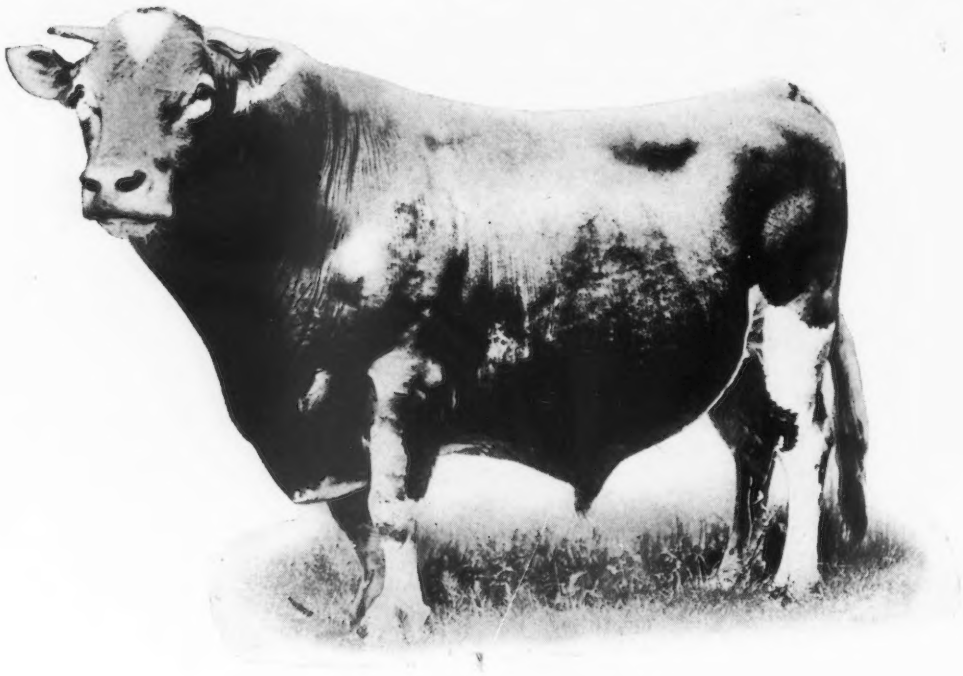
GUERNSEY BREEDERS' JOURNAL

AUGUST 1, 1920

HARBOR HILL GUERNSEYS



Imp. Masher's Galore 8572

He inherited and transmitted the ability of siring high producing cows. France's Masher 2d, Masher's Galore, King Masher and King Masher 5th. Four unbroken generations sired Class Leading Cows.

OUR HERD SIRES INCLUDE:

Two A. R. sons and a Line Bred Double Grandson of Masher's Galore

King Masher 11084 A. R.

His twelve A. R. daughters have eighteen A. R. records averaging 597.69 lbs. fat. Two thirds of these records are in Junior Classes.

Harbor Hill's Linden Masher 27831 A. R.

Grand Champion Bull 1916 Connecticut Fair, Hartford.
Two daughters—one in B and one in AA—average 602.54 lbs. fat.

Harbor Hill Galore

Sire—Triple Masher of Harbor Hill 39249
Dam—Nivolette 2d 60799 A. R. 16,046.0 lbs. milk. 758.49 lbs. Fat. Class C.

CLARENCE H. MACKAY
Owner

Address:
C. H. HECHLER, Supt.
Roslyn, Long Island, N. Y.

MORELAND MAY QUEEN 10215

Champion Cup for Best Cow, English Guernsey Cattle Society's Show and Sale at Reading, April, 1920
Consigned by G. F. Ferrand, Hampshire, and purchased by Lephard and Hale for $787

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Miss Gladys Brockwell and head of
Princess of Meadowbrook 25185 A. R. 4282
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14089.3 " " 745.79 " " " class A
Sire—Rowena's Squire of Mapleton 11073
Dam—Teddy's Pet 20204
Owned by Elliott-Brant Rancho, Owensmouth, California

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VOLUME XVIII

GUERNSEY BREEDERS' JOURNAL

For the Advancement of the Guernsey

NUMBER 3 NEW SERIES

Published the first and fifteenth of each month by The American Guernsey Cattle Club at Peterboro, New Hampshire.

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One Year	*$2.00*
Three Years	*4.75*
With Hoard's Dairyman	*2.80*
With The Dairy Farmer (Kimball's)	*2.25*

EDITORIAL COMMENT

Second Field Appointment

Karl B. Musser, Dairy Extension Specialist with the Washington State College, has been appointed a field man in the Extension Service of THE AMERICAN GUERNSEY CATTLE CLUB and will enter upon his duties as such about September first. Mr Musser has been in the North West for about two and one-half years. Previous to that he was for three years Dairy Extension Specialist in Connecticut, when his investigation into the cost of milk production attracted wide attention. He received his training at the Kansas Agricultural College, University of Missouri and University of Wisconsin and is well acquainted with dairy and breed conditions throughout the United States. In a later issue further announcement will be made relative to the plans for his work.

$6640 for Guernseys at Southern Fairs

An extremely important step for the introduction and expansion of the Guernsey breed has been taken by several fairs in the South. Six thousand six hundred forty dollars will be offered in circuit beginning with the Tennessee State Fair, Nashville, Tennessee, on September 20-25, and ending with the South Carolina State Fair, Columbia, South Carolina, on October 25-29. The Maryland State Fair and the Virginia State Fair will offer an additional $2300. County fairs in South Carolina, which are immediately after the close of the state fair in Columbia, offer premiums which in previous years have brought Guernsey exhibits rivaling those in leading Guernsey states. The list of fairs together with the dates on which they will be held and the total premiums offered is given in the following list:

Tennessee State Fair, Nashville, Sept. 20-25	$710
Tri-State Fair, Memphis, Tenn., Sept. 25-Oct. 2	1130
Alabama State Fair, Birmingham, Oct. 4-9	800
Mississippi-Alabama Fair, Meridian, Miss., Oct. 11-16	800
Southeastern Fair, Atlanta, Georgia, Oct. 16-26	2000
South Carolina State Fair, Columbia, Oct. 25-29	1200
Maryland State Fair, Timonium, Aug. 31- Sept. 6	1200
Virginia State Fair, Richmond, Oct. 4-9	1100

THE AMERICAN GUERNSEY CATTLE CLUB is supporting these fairs by giving $200 of the premiums offered in the Tri-State Fair, the Southeastern Fair and the South Carolina State Fair. The Southeastern Guernsey Breeders' Association, which was born at the time of the Southeastern Fair in 1919, will offer through THE AMERICAN GUERNSEY CATTLE CLUB $300 of the premium money at the Southeastern Fair and $200 of the premium money at the South Carolina State Fair. In addition they will give 25 per cent. of the premium money at the Alabama State Fair and the Mississippi-Alabama Fair.

The Alabama State Fair and the Mississippi-Alabama Fair have never before offered a classification for Guernsey cattle. In 1919 the Tri-State Fair offered $800 in Guernseys, the Southeastern Fair offered $600 and the South Carolina State Fair offered $450.

Admittedly the South is to-day one of the most fertile fields for Guernsey expansion. Carload after carload of Guernseys are shipped each year from the North into Southern states from Texas to Maryland, and the desire for stock has only been increased. Records of transfers published in the GUERNSEY BREEDERS' JOURNAL indicate that during the period from May 1, 1919, to May 1, 1920, almost 400 registered Guernsey bulls were purchased by breeders living in the eleven states of the extreme South.

The South has thousands of prospective buyers of good Guernseys who are willing to pay the right price for the right kind of stock. Breeders in the North as well as in the South should not overlook this opportunity to extend the interest of the breed and to get their share of these splendid business opportunities.

Massachusetts Guernsey Breeders to Hold Big Show at Worcester, Sept. 4th

Not since the days of the Framingham Guernsey Show has any special effort been made in the East to hold a large Guernsey exhibit. The Framingham Fair, now discontinued, used to hold the center of Guernsey attractions and each year staged an exhibition of Guernseys that was not surpassed even by the Guernsey display at the National Dairy Show.

The spirit of the Framingham Guernsey days has been revived this year by the Massachusetts Guernsey Breeders' Association through its secretary, Richard G. Harwood, working in conjunction with B. Durell, secretary of the New England Fair Association, and many of the leading show herds of Guernseys in the east have been pledged to the Massachusetts Guernsey Show to be held at the Fair Grounds, Worcester, Massachusetts, on September 4th. It is planned to hold a banquet at the Hotel Bancroft, Worcester, on the evening of September 3 for Guernsey breeders and exhibitors. The following day will be Guernsey Day at the Fair Grounds where the Guernsey exhibitors will compete for one of the most liberal offerings of cash and special prizes ever placed on this breed at any exhibition.

Mr. F. Lothrop Ames, the leading Guernsey authority and proprietor of Langwater Farms, has consented to place the awards. This in itself is a feature of the show in that many breeders are anxious to place their herds at the disposal of Mr. Ames' exacting judgment of excellence.

Arrangements to enter the competition may be made wood of the Massachusetts Guernsey' Breeders Association. with B. Durell, 405 Main St., Worcester, Mass., or Mr. Har-

The prizes offered for Guernsey exhibits will be $1 00 and eight trophies for various classes, including the Peer Trophy offered for the best bull with four of his female progeny, all over one year. The progeny need not be owned by exhibitor.

The Herd Register to be Discontinued in the Journal

The July 1 issue of the JOURNAL contained the last animals registered in Volume XXXIII. of the Herd Register of THE AMERICAN GUERNSEY CATTLE CLUB and hereafter the Herd Register and Advanced Register will be a separate publication from the GUERNSEY BREEDERS' JOURNAL. In a later issue the indexes to Volume XXXIII. will be sent out with the JOURNAL, but the last Cow, Bull, and Advanced Register forms, as they are commonly known, appeared in the July 1 issue.

The new publication, which will contain the registrations of cows, bulls, and the Advanced Register, will appear in the form of a quarterly which will contain no advertising and will be sold on a subscription basis. In each issue of the Herd Register there will be printed an index to the registrations and Advanced Register work in that number, and also a complete Advanced Register index of all cows in the Advanced Register brought up to date quarterly. The list of Sires and Dams will also appear in this quarterly issue.

In making this move it is hoped that the JOURNAL can be made of more service, and in addition the new publication can be made indispensable to the breeders. The subscription price of the JOURNAL will remain at $2.00 and the publications will be sold upon the following basis:

GUERNSEY BREEDERS' JOURNAL (Semi-monthly)	$2.00
The Herd Register (Quarterly)	3.50
The two for	5.00

All subscriptions expiring during the coming year (i. e. on or before Aug. 15, 1921) will receive the Herd Register until the expiration of their subscription free of charge.

MINNESOTA'S FIRST SALE AVERAGES $612

State Consignment Sale of 42 Head a Great Success

THE first consignment sale held by the Minnesota State Guernsey Breeders' Association at the State Fair Grounds, St. Paul, Minnesota, on June 16, 1920, was one worthy of the efforts put forth by the consignors and the committee.

Forty-two animals sold at an average of $512; thirty-eight females brought $643 each; and four bulls sold for an average of $340.

Katonah's Betty 41257, consigned by Caribou Farms, topped the bidding at $1100. She was closely followed by Bella of Pomeroy 35740, consigned by Caribou Farms at $1000, and also by a two year old heifer of Charles Wirt—Masher's Bloom of Clover Lawn 88555 at $1000.

Linda of the Ferry Farm 61941, belonging to E. R. Frissell of Hopkins, Minnesota, carried away $925.

Walter Alexander of Wausau, Wisconsin, paid $5025 for seven animals; and L. O. Jacobs of Anoka, Minnesota, $2,525 for four.

Nine head sold for over $800. Five for $900 or over.

The sale just goes to show that there is a keen demand for good cows of the Guernsey breed that show good type and along with it breeding and production.

The crowd was not so large, but the enthusiasm of those present made up for the lack in numbers, possibly due to some extent to the disagreeable day.

Messrs. Love, Benjamin and McGuire deserve a great deal of credit for their efforts which were the best ever; and Mr. Fox, although he needs no introduction, was of inestimable value in the box.

Following is a list of the animals sold. Following the name of the animal is name of the consignor and the name and address of purchaser:

Katonah's Betty 41257, $1100
Caribou Farms to J. S. Bancroft, Mora, Minnesota

Masher's Bloom of Clover Lawn 88555, 1000
Chas. E. Wirt to Walter Alexander, Wausau, Wis.

Bella of Pomeroy 35740, 1000
Caribou Farms to University of Minnesota Farm School

Linda of the Ferry Farm 61941, 925
E. R. Frissell, to F. L. Ober, Duluth, Minnesota

Pergue's Anna Marie 92401 910
W. W. Wolf to Walter Alexander

Gold Girl's Chene Blossom 49581 900
March & McGrew to W. Alexander

Imp. Daisy de la Forge 31969 850
Jean DuLuth Farm Inc. to John Bentz, Mora, Minn.

Imp. Myra of Oakley 73781, 800
Olson & Krans, to Albert Johnson, Thief River Falls, Minnesota

Yexeve of Ash Cove 46596, 800
Merickel & Nelson to University of Minnesota

Ruth of Clovermead 57030, 775
Louis Stoll to L. O. Jacobs, Anoka, Minnesota

Minnie's Dolly of Englewood 64697, 750
Merickel & Nelson to J. E. Nelson, Wadena, Minn.

Caribou Bettina 2d 87284, 725
Caribou Farms to L. O. Jacobs

Caribou Edna 2d 87286, 710
Caribou Farms to W. R. Sweet, Albert Lea, Minn.

Guilberta of Cuyuna 44404, 700
Clinton Bros. to Olson & Krans, Dassel, Minn.

Masher's Milly of Clover Lawn 88554, 650
Chas. E. Wirt to Walter Alexander

Imp. Elucid of Sarnia 73707, 635
W. J. Bullivant to H. O. Putnam, Battle Lake, Minnesota

Sequel's Marie of Schuylkill 27599, 635
Caribou Farms to E. S. Badger, Springfield, Minn.

Caribou Francesca 82456, 630
Caribou Farms to W. Alexander

Lorena's Beauty's Favorite 68182, 625
Radisson Farm to L. O. Jacobs

Pearl of Green Lodge 60199, 625
Caribou Farms to H. O. Putnam

Imp. Daisy II. of Les Jetteries 73779, 610
Olson & Krans to Pete Pearson, Hoffman, Minn.

Alpha of Pine Ridge 46753, Chris Skaar to E. S Badger, 575

Imp. French's Polly 39508, 550
A. L. French to Chas. E. Wirt, Lewiston, Minn.

King Pretor's Cora of Lakeside 78538, 550
March & McGrew to G. E. Sherwood, Kimball, Minn.

Caribou Obasan 54586, 525
Caribou Farms to W. E. Harrington, Hutchinson, Minn.

Moose Valley Rosewood 97115, 510
Moose Valley Farm to W. Alexander

Polly's Cora of Fair Meadows 92622, 500
A. L. French to Radisson Farm, Anoka, Minnesota

Chaplet of Elm Spring 63173, 500
Jacob Becker to H. O. Putnam

Imp. Fanny of New Anneville 50688, 500
W. W. Wolfe to Herman Bentz, Mora, Minn.

Hope of Peninsular Farm 91539, 500
R. W. Anderson to G. E. Sherwood

Nicolette's May Lady 71346, 475
A. E. Morrison to Frank Patchen, Anoka, Minn.

Marie's Pet of Cor-Alfa Farm 92731, 475
M. S. Skaar to W. R. Sweet

Caribou Galaxy 3d 100799, 425
Caribou Farms to Walter Alexander

Dewdrop of Wheeling 94507, 410
Herman Budde to Wooded Farm, Mou d, Minn.

Clara of Oakland Second, 400
Radisson Farm to L. O. Jacobs

Imp. Polly V. of Hillside 86633, 390
M. S. Skaar to F. Strattmann, Glencoe, Minn.

Nellie Jane of the Pines 95894, 365
John Nahrgang to Hoffman Bros., Farmington, Minn.

Harriet of Koshkonong Place 68792, 335
Thos. Frisby & Sons to Bert Page, Excelsior, Minn.

Bulls

Bull Calf, 725
John P. Nelson to E. J. Pegors, Winnebago, Minn.

Goodman of Pine Ridge 58879, 300
Chris Skaar to Pete Pearson, Hoffman, Minn.

Emerita's Squire 41533, 175
Arnold Brothers to Hoffman Bros.

Bud's Hambro of Clover Lawn 64188, 160
Chas. E. Wirt to Herman Lieske, Henderson, Minn.

OHIO GUERNSEY BREEDERS SALE

Fifty-nine Head Sold for an Average of $557

THE Ohio State Guernsey Breeders' Association held their fourth annual consignment sale at the State Fair Grounds in Columbus, Ohio, on June 15, 1920. Fifty-nine Guernsey cows and heifers were sold for $32,855, an average of $556.86.

MAR'S NOBLE GALAXY 68637

Record: 9831.5 lbs. of milk; 566.11 lbs. of butter fat, class EE
Sire—Evergreen Sequel 33288 Dam—Dairy Maid of Spring Hill 57363
Consigned by Wallace Sprang, Lakeville, Ohio
Purchased by Cleland Farms, Chagrin Falls, Ohio, for $2100

The top priced animal was the new Class Leader, Mar's Noble Galaxy 68637, consigned by Wallace Sprang, Lakeville, Ohio, and purchased by Cleland Farms, Chagrin Falls, Ohio, for $2100. Mar's Noble Galaxy 68637 recently completed a record of 9831.5 pounds of milk and 566.11 pounds of butter fat in her three year old form, and qualified for seventh place among the Class EE Leaders.

Chilmark Rival Antoinette 58644, consigned by Ivan Steiner, Wooster, Ohio, threatened to exceed Mar's Noble Galaxy 68637, but she was finally knocked off to W. C. White, Gates Mills, Ohio, for $2000. Other Guernseys that sold for $1000 and more were, Woodvale Countess 52321, consigned by E. E. Tschumy, Copley, Ohio, and Itchen King's Lady Naftel 103272, consigned by H. C. Cope, Leetonia, Ohio.

The fifty-nine Guernseys were consigned by twenty-six Ohio breeders and very fortunately for the state very few of the cattle will go beyond its boundaries. Among the heaviest buyers were Cleland Farms, Chagrin Falls, Ohio; W. C. White, Gates Mills, Ohio; Davis Farms, Newark, Ohio; and C. Conkle, Layland Ohio.

The sale was managed by A C Ramseyer, Smithville, Ohio, and Colonel Fred Andrews and Son were the auctioneers The names of the animals sold together with the names of the purchasers and the prices paid are given in the following list:

FEMALES

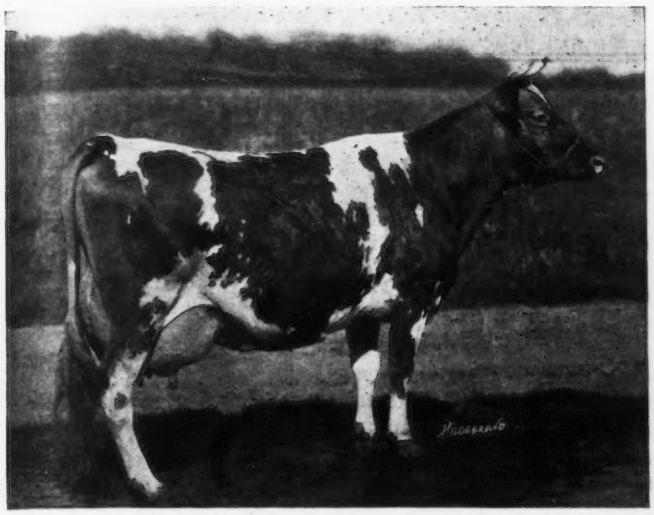
May King's Galaxy Girl 99780, Cleland Farm, Chagrin Falls, Ohio	$825
Dimple's Tea Belle of Edgemont 57494, W. C. White, Gates Mills, Ohio	900
Busy Bee of Haddon 85032, Davis Farms, Newark, Ohio	500
Rhea of Keewaydin 80559, H. J. Hall, Cortland, Ohio.	350
Robin of Keewaydin 2d 70060, W. C. White	500
Souvenir's Leonora of Keewaydin 2d 73348, J. E. Firthey, Adena, Ohio	475
Blue Bell of Demingdale 89219, C. Conkle, Layland, Ohio	400
Imp. Golden Wish 35248, J. H. Hall	585
Souvenir's Rhea of Keewaydin 61891, H. J. Hall	410
Ellenwood's Hilda 50582, J. S. Yoder, Wooster, Ohio	460
Cordon's Fanny of Myrna Maree Farm 74643, W. C. White	400
Raider's Fanny Girl of Myrna Maree Farm 92301 H. C. & E. B. McCamon, Lisbon, Ohio	350
King Masher's Laddie's Golden Pet 67197, Davis Farms	450
Pet of Orchard Springs 95712, Halfred Farms, Chagrin Falls, Ohio	650
Golden Pet of Orchard Springs 91864, Davis Farms	350
Mar's Noble Galaxy 68637, Cleland Farms	2100
Chilmark Rival Antoinette 58644, W. C. White	2000
Raider's Mignonne of Waddington 59906, R. D. Gates, Chardon, Ohio	660
Bonnie Fern of Valevue 70410, Davis Farms	525
Twinkle's Lady Regal 59697, Joe C. Schrock, Flanagan, Illinois	325
Dorothy of Rising Sun 73615, Samuel Hertel, Van Wert, Ohio	600
Raymond's Gentle Lassie 66682, C. Conkle	375
Chardon Girl 61879, C. Conkle	340
Imp. Rose III. of Vimiera 77345, Davis Farms	700

CHILMARK RIVAL ANTOINETTE 58644

Sire—Langwater Rival 14194 Dam—Masher's Antoinette 36940
Consigned by Ivan Steiner, Wooster, Ohio
Purchased by W. C. White, Gates Mills, Ohio, for $2000

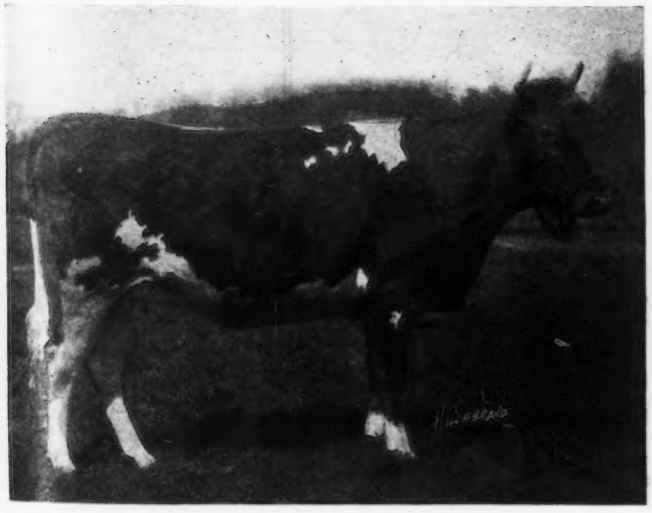
Imp. Polly Camp of Mara Alva 68154, Cleland Farms	800
Imp. Rosy Esther of Mara Alva 68101, Davis Farms	400
Woodvale Countess 52321, Halfred Farms	1550
Woodvale Rivella 80325, Davis Farms	525
Victory Queen 88687, W. O. Moss, Chagrin Falls, Ohio	400
New Year's Queen of Lu-Alyn 82141,	500

C. M. McConnell, West Salem, Ohio
Overland Easter Sunday 93840, 350
William Erf, Bellvue, Ohio.
Silvie of Scenery Hill 87306, 475



WOODVALE COUNTESS 52321
Sire—Procida's Island Champion 13422 Dam—Glenita of Woodvale 38990
Consigned by E. E. Tschumy, Copley, Ohio
Purchased by Halfred Farms, Chagrin Falls, Ohio, for $1550

Rest Haven Farm, Troy, Ohio
King's Lena Jane 86390, H. M. Allen, Troy, Ohio 900
Itchen King's Lady Naftel 103272, H. M. Allen 1100
Patrician Nelly 2d's Daughter of Bon Ayre 56528, 750
Burnside Farm, Eccleston, Maryland
Blanch Daisy Sequel 72919, Davis Farms 475
Marnette 90089, J. H. Cole, Shepard, Ohio 375
Avon-Vale's Sunbonnet 83011, Davis Farms 450
Imp. Lisle's Bella of Mara Alva 68126, J. E. Firthey 300



IMP. ROSE III. OF VIMIERA 77345
Sire—Governor of Carteret R. G. A. S. 3421 P. S.
Dam—Flora of the Bernauderie R. G. A. S. 12083 P. S.
Consigned by J. S. Yoder, Wooster, Ohio
Purchased by Davis Farms, Newark, Ohio, for $700

Golden Nelly 2d 92005, J. S. Yoder 305
Nelly of Old Homestead Farm 79545, Halfred Farms 650
Galaxy May of Chestnut Ridge 97031, C. Conkle 225
Village Conquerer's Galaxy 66379, Rest Haven Farms 425
Queen's Duplicate 73928, J. H. Cole 665
Lord Mar's Rose 56324, 475

Erwin Bros., North Lawrence, Ohio
Sequel's Muriel 42808, Emmet Steiner, Orrville, Ohio 400
Ruth of Sweet Springs 61851, 475
E. J. Schaaf, Sta. E., Columbus, Ohio
Lady Le Gele 56325, C. Conkle 350
Alma of Sweet Springs, William Erf 500
Squire's Beauty of Walnut Glens 52245, Cleland Farms 500
Dimple Marie of Mara Alva 95295, 300
A. B. Fenwick, Glyndon, Maryland
Horn's American Beauty Rose 92674, 300

PET OF ORCHARD SPRINGS 95712
Sire—Nelly's Goldseeker of Anna Dean Farm 35742
Dam—King Masher's Laddie's Golden Pet 67197
Consigned by Emmet Steiner, Orrville, Ohio.
Purchased by Halfred Farms, Chagrin Falls, Ohio, for $650

Henry Wolf, Milford Center, Ohio
Charmian's Lassie 3d 94118, Cleland Farms 310
Rose of Plain View 89580, C. Conkle 400
Horn's Pride of Lulu May 91480, W. C. White 300
Lillian of Maplecrest, Paul Love, Garrettsville, Ohio 550
May King's Beta of Village Farm, W. C. White 400
Primative's Mollie Stark 29278, C. Conkle 360
Mayflower Jehanna 77092, Davis Farms 385

New York-Vermont Guernsey Meeting Program.

11 A. M. (Daylight Saving time). Cattle Judging Contest under the supervision of Professor C. H. Royce, of Cornell.

12-1 P. M. Luncheon, at which time the Novelty of a "Milk Bar" will be enjoyed.

1-30. Exchange of Greetings:
C. L. A. Whitney, president of the NYSGBA
Mark H. Moody, president of the Vt. SGBA
C. H. Hulburt, representing the AGCC
A word from other prominent breeders

1-30-2. The Future of the Dairy Industry—Professor C. A. Boutelle, Cornell.

Home Uses of Milk—Miss Lucile Brewer, Home Economics Department, Cornell.

2. The American Farmer and Breeder and America in the Light of Fighting and Starving Europe—Dr. Charles Otis Judkins.

Those coming by auto take right hand road (Bay St.) at the monument (S. F. Insurance Bldg. on left) and continue on Bay road three miles to the farm. Those coming by trolley will be met at Hotel Ruliff, Glens Falls. Trains will be met at ths D. & H. station.

IOWA BREEDERS' SALE A SUCCESS

First State Consignment Average $350 a Head

ON Wednesday, June 16, under almost adverse weather conditions The Iowa Guernsey Breeders' Association held their annual summer meeting and sale at Dairyland Farm, Storm Lake, Iowa.

Though Iowa is essentially a beef cattle and corn growing state and dairy cattle have not been introduced or advertised very much and more particularly is this true of the Guernsey breed, yet the interest manifested at this meeting is convincing evidence that Guernseys and Guernsey progress in Iowa is just at the beginning.

Buena Vista County, Storm Lake, and Dairyland Farm are located in the central part of Northwest Iowa, where land is readily selling for from $300 to $500 per acre. Corn, oats, hay, beef-cattle and hogs predominate. More pure bred hogs are raised in this county than in any like area in the world.

Until the spring of 1916 not even a grade Guernsey cow was known to exist in the county, at this time the writer came to Storm Lake from Wisconsin and established Dairyland Farm. Today more than 300 grade fawn and whites are spreading dairy gospel over the county and seven herds of registered Guernseys have been established with every prospect of two or three more getting started within the next six months.

Previous to the date of meeting the management of Dairyland Farm had made arrangements to accomodate a crowd of 1500 people. Cattle from the herds of seventeen of Iowa's prominent breeders had been consigned to the sale and all were congregated in one barn for inspection, and they made a very imposing appearance.

The program really began the evening of the 15th, when the Storm Lake Commercial Club tendered a banquet to the out of town visitors. Altogether about 150 sat down to the table, a good meal, a splendid address by W. B. Quarton of Algona, Iowa, President of the Iowa Guernsey Breeders' Association and a series of impromptu speeches by Guernsey breeders in attendance concluded the evening program.

During the preceding evening and morning of the picnic day the weather-man proved somewhat unkind to the Guernsey interests of Iowa as torrents of rain descended causing delayed trains and making automobile travel almost impossible. However through splendid local support the attendance numbered nearly 400 by lunch time.

The entire forenoon was given over to a thorough inspection of the sale cattle, and visiting breeders from the different sections of the State became acquainted with each other. After lunch Mr. Chas. S. Kewis, President of Storm Lake Commercial Club, welcomed the Iowa Guernsey Breeders to Storm Lake and in response, President Quarton gave a splendid address alluding to the merits of the Guernsey cow, together with her increasing popularity and natural characteristics that enable her to live and thrive under the prevailing climatic conditions of Iowa. Mr. Quarton spoke with the experience of more than fifteen years as a successful Guernsey breeder in Iowa.

Following this address W. B. Barney, State Dairy and Food Commissioner, gave a splendid talk on why he was breeding dairy cattle and he was followed by Dr. Gibson of the Federal Department, who spoke on the eradication of tuberculosis among dairy cattle, and the danger of transmitting this disease to the human race thorugh maintaining affected animals in the herd.

Following Dr. Gibson's address and a few remarks by Mr. Parvin Eves, Assistant State Dairy Expert, the program was concluded and the auction sale of Guernsey cattle started.

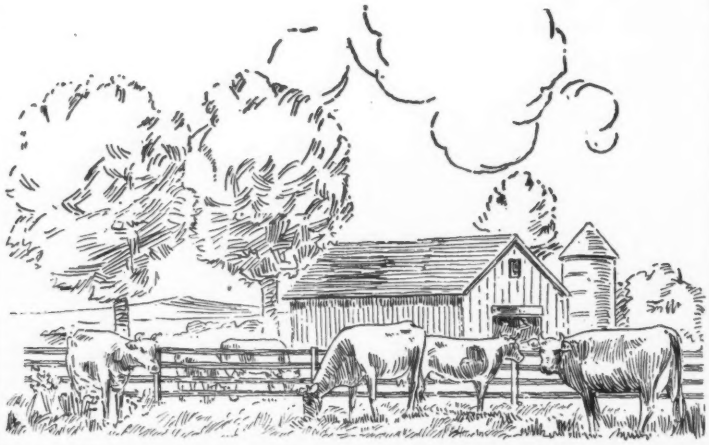
REPLY TO MR. CHICHESTER

IN regard to Judge Chichester's article on feeding molasses beet pulp, we believe that his trouble is not due to the molasses but rather to the fact that his herdsman has evidently soaked too much beet pulp at one time or has failed to empty the barrel daily. Whenever molasses is mixed with water, fermentation will take place, and for this reason molasses beet pulp or molasses feed of any kind should never be mixed with water, unless the mixture can be fed up within 24 hours. We have fed considerable molasses beet pulp as well as molasses in our grain mixture and never had the slightest trouble. The importers of molasses (they are shipping it into Portland by the shipload) have told us in ragard to the fermentation process, hence we never mix water with molasses unless we can feed it up at once. This winter and spring we have fed molasses constantly as it is one of our best and cheapest feeds, (about $40.00 per ton in barrels) and our cows relish the feed and do not get off their feed. We know many of the record Jersey breeders are feeding molasses, so we feel sure that the molasses *per se* is not the cause of Mr. Chichester's troubles.

We will trust you will pass this information on to the breeders, as some might be inclined to stop feeding molasses, when really most breeders would be ahead if they fed more.

Yours very truly,

OCTAV VOGET



Forty head were catalogued and they brought a total of $14025 or an average of a little over $350 each. The significant fact about the sale is that a large proportion of the cattle were sold to persons that were buying their first Guernseys and that many of the animals stayed within a radius of forty miles of Storm Lake and became property of men who have been heretofore following a system of beef cattle and grain farming.

Prices received, names of the consignors and purchasers are as follows:

Lot 1, Kitchener's Gay Maid of Iowanola 102106, heifer. Consigned by Mountain Bros. Sold to Lu Vern Lee, Sac City, Iowa. $285

Lot 2, Princess of Homa Della 52302, cow. Consigned by Mountain Bros. Sold to H. B. Smith, Hummeston, Ia. 410

Lot 42, Governor of Ruettes's Honeymoon 86840 cow. Consigned by Geo. Vidas. Sold to Geo. Stolte, Odeboldt, Iowa. 510

Lot 43, Echo's Cherub 61014, bull. Consigned by Geo. Vidas. Sold to E. O. Dyvig, Stanhope, Iowa. 180

Lot 9, Augusta Glenwood 81116, cow. Consigned by N. A. Lamme, Fairfield, Ia. Sold to F. C. Butler, Alta, Iowa. 350

Lot 10, Julia May Glenwood 81115, heifer. Consigned by N. A. Lamme. Sold to F. C. Butler 280

Lot 38, Lady Glenwood of Ard-Righ 46247, cow. Consigned by James Lee, Sampsel, Mo. Sold to Grant Enlow, Fairfield, Iowa 300

Lot 37, Nonpariel's Cherry 103390, heifer. Consigned by James Lee. Sold to M. W. Jones, Sac City, Iowa 510

Lot 16, Snowflake of the Prairie 98574, heifer. Consigned by Marsh Farms, Waterloo, Ia. Sold to Dairyland Farm, Storm Lake, Iowa. 400

Lot 7, Victoria's Queen of Grand Home 64381, cow. Consigned by Hans J. Smith, Cedar Falls, Ia. Sold to M. W. Jones. 280

Lot 15, Hyacinth of the Prairie 98843, heifer. Consigned by Marsh Farms. Sold to Geo. Vidas 785

Lot 6, Miss. Kenilworth Gold 87874, heifer. Consigned by Joseph Golinvaux, Waterloo, Iowa. Sold to R. E. Wolf, Waterloo, Iowa. 600

Lot 17, Anemone of the Prairie 98576, heifer. Consigned by Marsh Farms. Sold to Geo. Schneider, Pocahontas, Ia. 365

Lot 13, Frosine's Queen 90372, cow. Consigned by Fred C. Butler, Sold to Mrs. F. F. Barker, Storm Lake, Ia. 245

Lot 31, Ella Yeksa Q. 4th 80869, cow. Consigned by W. B. Quarton, Algona, Iowa. Sold to Buren Anderson, Storm Lake, Ia. 380

Lot 32, William Yeksa Q 28443, bull. Consigned by W. B. Quarton, Algona, Iowa. Sold to Dairyland Farms, Storm Lake, Iowa. 105

Lot 29, Louise Yeksa Q 80868, cow. Consigned by W. M. Forsythe & Son, Griswold, Ia. Sold to LuVern Lee, Sac City, Ia. 365

Lot 8, Marcus Glenwood's Rosa's Posy 71624, cow. Consigned by Grant Enlow. Sold to H. E. Brookes, Burlington, Ia. 435

Lot 33, Bessie's Princess 2d 76161, cow. Consigned by H. F. Tracey & Sons, Brighton, Ia. Sold to Buren Anderson. 395

Lot 18, Dairyland Princess 79600, heifer. Consigned by Wm. Bath, Schaller, Ia. Sold to Buren Anderson. 385

Lot 19, Bijou of Westmoreland 91466, heifer. Consigned by Wm. Bath. Sold to Gus Sprague, Storm Lake, Iowa 250

Lot 14, Blossom's Bopeep of the Prairie 54602, bull. Consigned by Marsh Farms. Sold to Iowa State College, Ames, Iowa 600

Lot 28, Folly Duchess 67252, cow. Consigned by H. E. Brookes. Sold to S. J. Furnace, Hunlon, Iowa 250

Lot 20, Slocum's Buttercup 36706, cow. Consigned by Dairyland Farm. Sold to W. M. Jones. 400

Lot 22, Anna Laura of Lynnhurst 63363, cow. Consigned by Dairyland Farm. Sold to M. W. Jones. 365

Lot 23, Florine 51473, cow. Consigned by Dairyland Farm, Storm Lake. Sold to M. W. Jones. 200

Lot 24, Gallant Knight's Glenwood Girl 37614, cow. Consigned by Dairyland Farm. Sold to M. W. Jones. 280

Lot 21, Richesse of Mapledell 94785, heifer. Consigned by Dairyland Farm. Sold to Geo. Golinvaux. 280

Lot 30, Snowdrop of Quaker Knoll 101135, heifer. Consigned by Robt. Coppock, West Branch, Iowa. Sold to Buchanan Calf Co., Independence, Iowa 200

Lot 3, Carintha of Iowanola 89179, heifer. Consigned by Mountain Bros., Des Moines. Sold to Ernest Mahanke, Vincent, Ia. 365

Lot 5, Martha Alice of Iowanola 89180, heifer. Consigned by Mountain Bros. Sold to H. T. Smith. 410

Lot 4, Rex Cherub of Iowanola 54408, bull. Consigned by Mountain Bros. Sold to Geo. Schneider., 200

Lot 34, Cloth of Gold of Littleton 68859, cow. Consigned by James Lee. Sold to Dairyland Farm. 440

Lot 35, Cloth of Gold's King 63595, bull. Consigned by James Lee. Sold to Fred C. Butler. 250

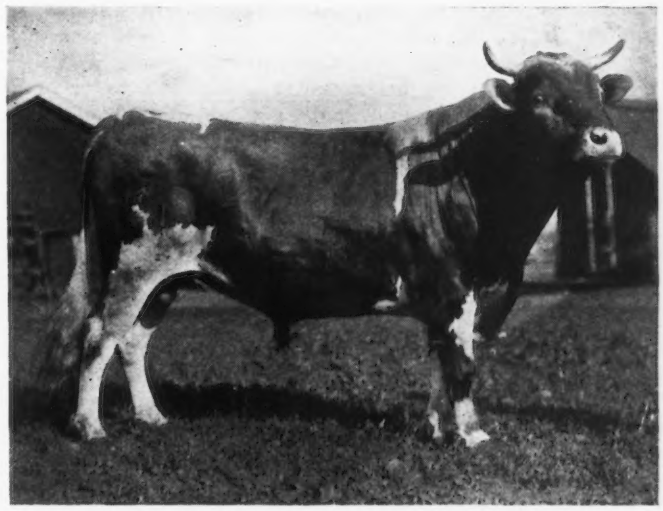
Lot 36, Cloth of Gold's Flower 103391, heifer. Consigned by James Lee. Sold to H. F. Smith. 380

Lot 40, Cloth of Gold's Beauty 105631, heifer. Consigned by James Lee. Sold to Dairyland Farm. 265

Lot 39, Keedy's Lady Memento 91261, heifer. Consigned by James Lee. Sold to Forsythe & Son, Griswold, Ia. 360

Lot 12, Sequel's Juliette, 42505, cow. Consigned by A. C. Breecher, Alta, Iowa. Sold to Dairyland Farm. 180

Lot 26, Holden's Pollyanna 79599, heifer. Consigned by Dairyland Farm. Sold to A. C. Breecher. 240



DON DIAVOLO'S MAY KING OF ST. AUSTELL 46699

Sire—Don Diavolo of Linda Vista 23565

Dam—Ena of the Oaks 37672

Owned by J. M. Harvey, Waukesha, Wisconsin.

MILK FEVER OF THE COW

Its Symptoms and Treatment

By G. H. CONN, D. V. M.

MILK fever is of common occurrence among high producing cows. This was considered a very serious disease a few years ago, and in the majority of cases the animals died. To-day this condition is very rarely fatal.

Treatment for milk fever is strictly empirical, but it is certain that, even if we understood the causes of this condition, we could not treat it any more successfully than we do now. Veterinarians can handle the trouble quite successfully. There is no other disease in which the symptoms develop so rapidly and become so serious in such a short space of time as do those of milk fever, and yet with our modern treatment the recovery is just as rapid and mystical as is the development of the disease.

This is a disease that can not be determined by symptoms alone, but the history and surrounding circumstances make diagnosis possible. From wide experience the cow owner is able to know that the case at hand is milk fever and we may say that he arrives at his conclusion by intuition.

This is a disease of young cows, usually those having had one or two calves, and, while it does affect old cows occasionally, it is not at all common. More often it follows an easy parturition and is rarely seen in cows that have experienced much difficulty in giving birth to their calves. Cows that are affected are invariably in good flesh and thrifty and are heavy milkers. The disease makes its appearance in the majority of cases within one to three days after the cow has calved, but has been known to occur before birth and also as long as four or five weeks after calving.

As a rule the cow is down when she is found by the attendant, but the line of symptoms that would be observed are pretty much as follows: The cow refuses to eat and stands without paying any attention to feed or surroundings. If she moves it is with a stiff, wobbly gait and it is noticed that she cannot control her hind parts, but weaves and staggers as she walks. The muscles begin to quiver and she shows all signs of having a chill. She will shift her weight continually from one leg to the other. In the course of an hour or so at most and often within the time after the cow is seen she goes down; she lies on her breast, but is unable to get up; she seems very drowsy and rapidly gets worse until soon she is insensible and totally unaware of things that are going on about her. Her head is turned on her side and in this position she lies. Breathing is heavy and she quite often moans and grunts as if in great pain, but this is not due to pain but rather the result of the insensibility that is present. There is very little milk to be found in the udder and the secretion of saliva is very scanty. There are no movements of the bowels or passing of the urine during this time.

Warm water should be secured and an antiseptic solution should be prepared in which the milk fever apparatus can be cleaned. The cow is rolled into such a position that all the teats can be worked with by the operator. What little milk may be in them should be milked out. The teats are then washed carefully in the antiseptic solution and the treatment is applied by means of a milk fever apparatus, which consists of a milk tube to which is attached a small rubber hose. In the center of the hose is a small metal chamber containing absorbent cotton saturated with a good disinfectant and on the other end is to be found a small rubber bulb or small metal pump. The milk tube is inserted into one of the lower teats and the teat is tensely distended with air; then the corresponding teat is inflated, and then the other two. To keep the air from leaking out of the teats, push the end of the teat in with the fingers. Do not use strings or rubber bands to keep the air in the teats.

This treatment is known in most districts simply as the air treatment but originally these cases were treated by injecting into the udder solutions of potassium iodid in water, and then a salt solution, and this was followed by pure oxygen gas, to be later replaced by simply atmospheric pressure.

IMP. FANNY OF VALLEE DU CREUX 40658

Record:—15107 lbs. of milk; 704 lbs. of butter fat, class A
Sire—On Guernsey Defenser R. G. A. S. 2152 P. S.
Dam—On Guernsey Bonny of Aval du Creux R. G. A. S. 3390 F. S.
Owned by Jean Du Luth Farms, Inc., Nickerson, Minn.

The cow should be treated just as soon as possible after being found, and even when she has been neglected so long that treatment might seem to be useless, she may recover. We have had cows in our practice that would recover perfectly after they were apparently dead. So in this condition as long as there is a spark of life there is good hope for recovery.

Under no conditions is it advisable to attempt to give a cow suffering with milk fever any medicine by way of the mouth. The throat is partially paralyzed and the medicine might pass into the lungs and kill the cow.

In a short while after the cow's udder has been inflated she will begin to regain her senses; her breathing gets better and she gets brighter; after awhile she will straighten up and swallow a few times and begin to act natural. As soon as she can be induced to attempt to get on her feet, she should be helped, and if she succeeds in getting up she should be steadied for a few minutes until she can stand alone.

A cow that lies stretched on her side when in this condition sometimes bloats badly and in this case she should be tapped. It is better still to prevent bloat by keeping her propped up on her breast until she regains consciousness.

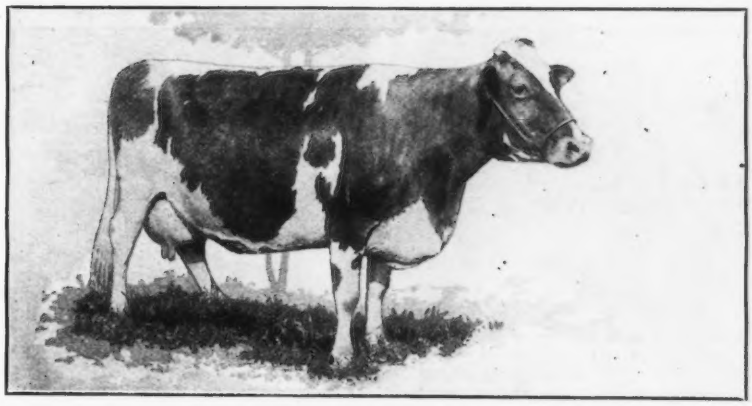
After the cow is on her feet she should have water but no feed for the first ten or twelve hours; at the end of this time, she may be milked. No other treatment is necessary If, however, the cow does not regain her feet within four or five hours, inflate the udder as before.

ELLIOTT-BRANT RANCHO GUERNSEYS

Good Guernseys and Good Milk Abound on the Ranch

THE Elliott-Brant Rancho is an interesting place for anyone to visit that knows Guernsey cattle or is at all interested in the production of live stock, for on this one-thousand acre ranch at the present time are about 165 head of registered Guernseys, young and old, with about half this number of milking age.

Necessarily this herd had to be tested for tuberculosis in order to supply certified milk to the city of Los Angeles, but the proprietor knew the necessity of testing as well to keep a strong, healthy herd of good reproducing qualities, and also to secure stock of good reproducing qualities. For a number of years this herd has been regularly tested by the Health Department, cooperating with the state officials, and these tests show that it is free from disease, making it a safe place for the purchasing of stock. Milk and butter fat records are kept of all cows and the milk sheet has been one of the great factors in building up this wonderful herd to its present productive standpoint. Nearly all the cows in the herd have Advanced Register records. Several are among the Class Leaders of the breed, and some are among the best records made in the West, which means a good deal when we consider that some of the best breeders in the world are here on the Pacific Coast. Until this year all records had been made with the cows running with the milking strings, and some are still made in this way, but recently more attention has been paid to the conditions and a number of roomy box stalls have been arranged so that cows on test can have more of the comforts and can be fed and cared for individually, which goes a long way toward getting a maximum production, or in other words, "giving the cows a chance."

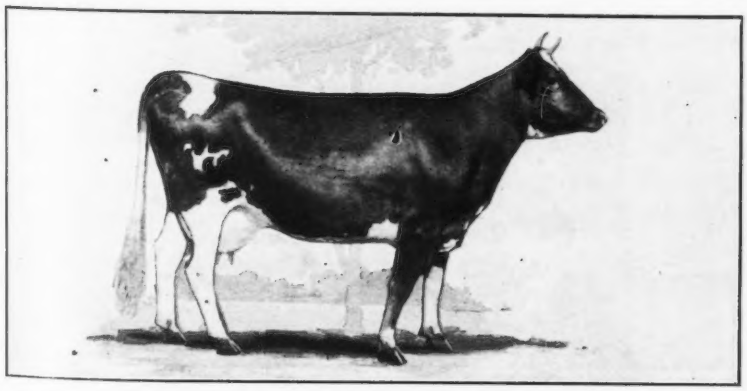


PRINCESS OF MEADOWBROOK 25185
Record: 14560.2 lbs. of milk; 722.24 lbs. of butter fat, class A
14089.3 " " " 745.79 " " " " " A
Sire—Rowena's Squire of Mapleton 11073 Dam—Teddy's Pet 20244
First Prize Aged Cow, Senior and Grand Champion at California State Fair

IMP. MAHY'S NELLY II du DOUIT 35223 (R. G. A. S. 9572 P. S.)
Record: 14421.40 lbs. of milk; 676.60 lbs. of butter fat, class A
Sire—On Guernsey Iagoo II R. G. A. S. 2167 P. S.
Dam—On Guernsey Mahy's Nelly du Douit R. G. A. S. 3831 F. S.

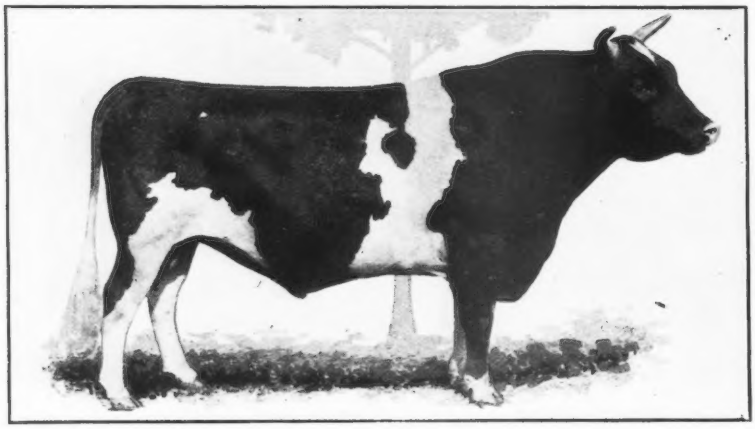
One of the cows on test, Elsie of the Rancho 89755, bred and developed on this ranch has just completed a year's record which will make her a Class Leader at three and one-half years of age, placing her in the Roll of Honor, class DD, with 555.82 pounds of butter fat. Her sister, Rose of the Rancho 100798, is making well over two pounds of butter fat a day also. Little Beauty 2d 45221 last year was made a Class Leader at four years of age in class CC. Her calf was sold for $1000 at five months of age, to head a herd of grade cows in that great dairy center, Humboldt County, California.

By the way, D. O. Brant, who is at the head of this enterprise, is just barely started in this record making business, and I will say this, that I have known the herd for a number of years and never before was it in such splendid condition as at the present time, or I might say fit condition, to go ahead and make a creditable showing. Ed. Simmons, the herdsman, is deserving of a great deal of the credit in putting them in this condition. All females born on the place are retained to eventually build the herd up to at least 225 head, and **their ambition is to develop a herd average of 600 pounds butter fat, with an occasional 1000 pounder**



LOIS VALENTINE'S LAD'S LASSIE 45066
Record: 10550.10 lbs. of milk; 510.55 lbs. of butter fat, class G
Sire—Sterling Lad 17655 Dam—Lois Valentine 22201
First Prize Two Year Old at the California State Fair

thrown in for good measure. There has been an exceptionally good market for all the male calves this year, which are sold mostly to dairymen to head their herds of grade cows in order to raise the milk standard, and only two or three young bull calves were found on the place. The bulls at the head of this breeding herd are all of May Rose breeding, undoubtedly the most fashionable strain of the Guernsey breed, and it is the desire of the ranch to follow line breeding, which ought to bring out and develop some excellent individuals, not only as producers, but show ring animals as well.

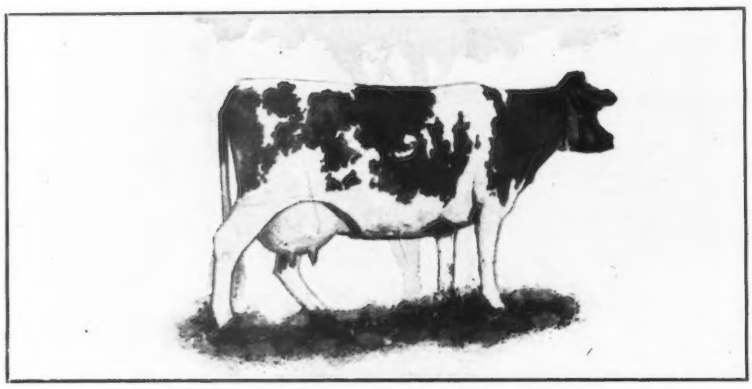


MAY KING OF FERN RIDGE 17432

Sire—Imp. King of the May 9001 Dam—Yeoman's Hayes Felois 24199

First Prize, Senior and Grand Champion Bull at the California State Fair

The most attractive sire on the place is May King of Fern Ridge 17432. He was bred at Langwater Farms and is a son of the greatest sire of the Guernsey breed, Imp. King of the May 9001 A. R. The dam of May King of Fern Ridge 17432 is Yeoman's Hayes Felois 24194, a wonderful cow still producing heavily and reproducing at twelve years of age, a sister of Dolly Dimple 19144, the world's record three and one-half year old cow. This bull was exhibited at the National Dairy Show at Chicago in 1919 and created quite a sensation, in spite of the fact that a railway accident damaged one of his horns to a considerable extent, but he stood up well in the front ranks, and received third place with such bulls as the great Imp. Itchen May King 25174, and Ladysmith's Cherub 30760. He was also first prize and champion bull at the 1919 California State Fair, and has been champion and grand champion many times at the Riverside Show as well as a winner at the World's Fair at San Francisco in 1915. Some of his daughters are now on test and making splendid records.



BUTTERNUT QUEEN 30478

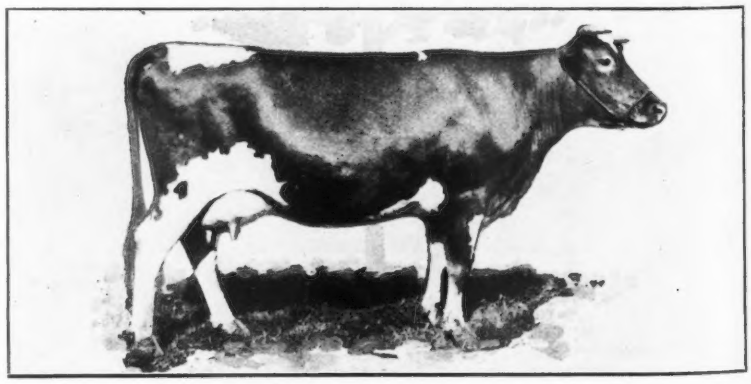
Records: 10884.5 lbs. of milk; 531.99 lbs. of butter fat, class C
12794.0 " " " 665.72 " " " " " A

Sire—Philwood 4th 8030 Dam—Yeksa's Springunde's Fannie 22363

Another service bull is Brookmead's White-Face 32211, a son of Langwater Stars and Stripes 21872 A. R., the sire of Brookmead's Dorothy 55715 A. R. that held the world's two year old record with 742 pounds of butter fat when made. He is said to be the best bred bull of the breed, as he is sired by Imp. King of the May 9001 and out of Dolly Dimple 19144, the world's record three and one-half year old; these two also produced a full brother to Langwater Stars and Stripes 21872, and he sired Langwater Nancy 27943 A. R., that produced over 1000 pounds of butter fat, and was the dam of a bull calf that sold for $25,000 and a cow that brought $12,500. Imp. King of the May 9001 is the only sire that has a 1000 pound daughter that also has a son with a 1000 pound daughter.

The third herd sire was bred and developed by the Elliott-Brant Rancho and is a strong, vigorous two year old. His sire is also the sire of Elsie of the Rancho 89755 and Rose of the Rancho 100798, the two heifers now making Class Leader records. He was by King Bell 13482 A. R., a son of Imp. May Rose King 8336 A. R. The dam of this junior bull is an imported cow with 676 pounds of butter fat made officially in the milking string. She is a daughter of the great Island bull, Iagoo II. 2167 P. S., A. R. His daughters' records average 626 pounds with only two in class A, and his brother, Yenadizzie II. 1990 P. S., A. R., also on the Island, has daughters that average 570 pounds of butter fat, with only one in class A. These three bulls, all of May Rose breeding and of proven strains, are being used to strengthen the blood lines in the herd.

At the California State Fair in 1919, at which time over 100 head of Guernseys were exhibited, nineteen head were on exhibition from the Elliott-Brant Rancho. They walked away with first and second in every female class except one, first in aged herd, young herd, dairy herd, Advanced Register cow, produce of dam, aged bull, and junior bull (for which a special cup of merit was given).



RUTH OF THE RANCHO 101858

Record: 4718.20 lbs. of milk; 204.74 lbs. of butter fat in 121 days, class C

Sire—Newgrove King of Briarbank 27362 Dam—Imp. Mahy's Nelly II du Douit 35223

BROOKMEAD'S WHITE FACE 32211

Sire—Langwater Stars and Stripes 21872 Dam—Deanie Woodburn of Brookmead 2d 37095

and also received gold medals in both the milk and cream classes. At the National Dairy Show the milk and cream sent all the way to Chicago, won first in both classes, receiving the highest scores ever given, and the first and only 100 per cent. score ever given any milk of any breed. The contest was conducted by the United States Department of Agriculture. The milk sheet for March showed that the average of the entire milking herd was three gallons per day, while half the herd is making over 1000 pounds of milk a month. The Health Board tests show a herd average of 5.5 per cent. butter fat. The certified requirements call for 4 per cent. butter fat and under 10,000 bacteria, and this milk, which is the only milk sold in Los Angeles from a pure bred Guernsey herd, is guaranteed to be over 5 per cent. and under 5000 bacteria. The Health Board's reports for the last four months show counts as low as 100 with an average of 1600 bacteria. All test cows are milked by hand, but the milking herd is milked by machine, and it is only through a special method of sterilization that it is possible to get this low bacterial count. Mr. Brant has found the milking machine a great labor saver, and that it takes the club out of the milkers' hands. The milk is bottled and sold to clubs and hospitals in Los Angeles,—only wholesale trade is accepted. The average price for the various sized bottles is twenty-eight cents per quart, probably the highest price received anywhere in the county.

While this wonderful Guernsey proposition is a big business in itself it is by no means the only live stock game on this big 1000 acre ranch, as Mr. Brant also makes a specialty in Percheron horses. He has at the head of his stud one of the best bred French sires in the country that is getting some colts of splendid conformation. The poultry business here is not a small institution either, for here are kept about 5000 hens of the white Leghorn breed and there are about 6,000 young chickens, or 11,000 all told. Mr. Brant considers these the best laying fowl, and keeps an expert to cull and weed out, to keep the vitality and egg production to a high standard. Upwards of a million eggs are produced annually, and are delivered to clubs and hospitals daily along with the milk and cream for which he received more than the market price.

The ranch is also very much interested in Duroc-Jersey hogs, the herd is headed by a son of King or Orions, called May Rose King, that was first and champion at last Fall's show. About a dozen of the best selected females are kept on the ranch for breeding purposes, and plan on raising two litters a year and with good care and feed is able to develop them to 200 pounds at six months of age and the yearlings to nearly 500 pounds. Pigs are shipped all over the country even as far east as New Jersey and Virginia. A flock of about 200 Shropshire sheep are also kept on the ranch.

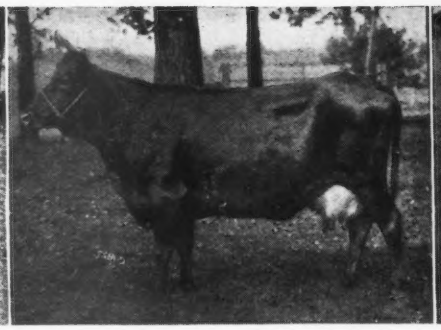
If I should stop here with my story I would not have told one of the most important and interesting things in connection with the Elliott-Brant Rancho for they are real farmers and not only believe in growing the feeds necessary to feed all this live stock, but on account of the high land values believe the land should gradually be improved by proper methods and fertility, so that a reasonable rate of interest can be realized.

The lay of this ranch is hard to beat, situated as it is, in the beautiful San Fernando Valley, completely surrounded with mountains, which are ever changing in color and beauty. This valley was a favorite retreat for visitors, many of whom founded the California Missions, The El Camion Real (The King's Highway) passes through the ranch where it is crossed by the beautiful mountain drive through Topanga canyon to the Pacific, fourteen miles distant. While the ranch is twenty-five miles from the heart of Los Angeles, it is still within the limits of the city which serves it with water for irrigation and domestic use, and electricity for light and power. This ranch is owned cooperatively by the two Brant brothers and their cousin, B. F. Elliott, but is under the direct management of D. O. Brant, who in many ways has a splendid vision of what can be accomplished even on a large scale. In the first place they foresaw that if they were to live on a ranch, they should have all the comforts of a city home, so they built a house of typical Spanish type, low and flat, around an open court of Patio.

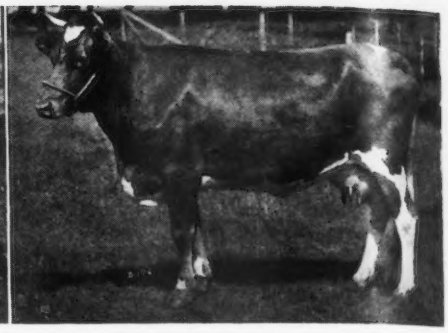
It is ideal, fitting beautifully into its surroundings and is most comfortable and is said to cover more floor space than any house in California. It is Mr. Brant's aim to produce all the feed that is consumed on the ranch, and to eventually consume all that is produced, so that only the finished product is sold off, in the form of milk, eggs, meat, and breeding stock. At present, more is produced than consumed, but the plant is still in the making, and when we consider that ten years ago this tract of land was a barren desert, and as void of vegetation as a billiard ball, wonderful things can be accomplished. About 400 acres are in alfalfa, this is cut from six to eight times a year, which produces from eight to ten tons per acre; as quickly as one crop is taken off that field is irrigated and another crop is ready for cutting in from three to four weeks. The work is so arranged that there are crews mowing, raking and baling practically all the growing season. In the fall the fields are disced and barley sown which grows while the alfalfa is dormant. Some of this is pastured during the winter, some is cut for horse hay, and some is cut out with the binder and the grain threshed out for stock feeding. As soon as this crop is off, the fields are irrigated and the alfalfa comes up alone with the land practically clean from weeds and foul stuff. Enough of the alfalfa to feed the cattle is run through a feed cutter and blown up into the barn, believing it a great saving when fed in this way. For the most part the stock are fed on small alfalfa pastures which are rotated and irrigated frequently to prevent short cropping or injury from tramping, in this way the cows receive succulent feed, and the droppings are distributed on the fields, these fields are cropped about twice as often as the hay fields are. It is necessary to grow about a million pounds of grain for feed, and the problem is to grow this on as few acres as possible year after year and yet keep up the fertillty of the soil. This is their plan of rotation. Two hundred and fifty acres are put in wheat and barley in November. If necessary this is forced by irrigation when the rain fall is light. This is done to insure its being ready for harvest in May, as most of these fields are double cropped. The fields are then irrigated and plowed and planted to corn to fill silos, in the

(Continued on Page 162)

Scrub Cow, No. 33. Average production 4338.5 lbs. of milk and 183.49 lbs. of fat.



Half-blood Guernsey No. 87, out of Scrub No. 33. Average production 4213.1 lbs. of milk and 179.72 lbs. of fat.



Three-quarter-blood Guernsey No. 236, out of half-blood Guernsey No. 87. Average production 6345.7 lbs. of milk and 320.16 lbs. of fat.

DOES IT PAY TO OWN A PURE BRED GUERNSEY BULL?

By A. C. McCANDLISH
Chief of Dairy Husbandry
Iowa State College

THE owner of grade Guernsey cows, though admitting the necessity of a pure bred bull to head a pure bred herd, oftimes wonders if it would be a profitable investment to replace his grade bull with a pure bred Guernsey sire. An investigation that has been under way at Iowa State college since 1907 throws much light on this problem.

A group of scrub cows were purchased in Arkansas and after removal to Iowa were bred to pure bred bulls and the heifers resulting from such matings were bred back to pure bred bulls of the same breed as their sire. Feed consumption and milk and butter fat production records were kept on all the individuals in the herd and a number of first and second generation grade Guernseys can now be compared with their scrub ancestors.

The first generation Guernsey grades produced on the average 4899.8 pounds of milk and 240.96 pounds of fat or 17 per cent. more milk and 27 per cent. more fat than their scrub dams. In all of the records considered here an age allowance is made and this is quite a creditable increase. However, the changes in production appear to be quite irregular ranging from a decrease of 23 per cent. to an increase of 112 per cent. in butter fat production, and a study of these changes brings out interesting information.

Two pure bred Guernsey bulls, "Fullwood Hopeful" and Imp. Rouge II.'s Son 18587, were the sires of the first generation of grades and they proved to be of very different values as the sires of good producing animals.

The daughters of "Fullwood Hopeful" produced 4 per cent. more milk and 2 per cent. more fat than did their dams while the daughters of Imp. Rouge II's Son 18587 produced 25 per cent. more milk and 43 per cent. more fat than their dams. This clearly indicates the great differences that exist in the values of even pure bred bulls. "Fullwood Hopeful" was not fit to head even a scrub herd while Imp. Rouge II.'s Son 18587 made a great improvement in the production of the herd. Pure bred bulls should always be used to head dairy herds but these bulls must be carefully selected as all are not good enough to head even scrub herds.

Selection of the sire is essential but the selection of his daughters must also be considered if the greatest improvement possible is to be made in the development of the herd, as animals of the same or similar breeding are not always of the same producing ability.

TABLE II.

A comparison of Two Guernsey Sires—
"Fullwood Hopeful" and Imp. Rouge II.'s Son 18587

Bulls	Dams Milk lbs.	Dams Fat lbs.	Daughters Milk lbs.	Daughters Fat lbs.	Increase in Production Milk %	Increase in Production Fat %
"Fullwood Hopeful"	3885.2	169.99	4045.1	172.58	4	2
Imp. Rouge II's Son 18587	4295.6	194.05	5360.1	275.71	25	43

TABLE III

Individuality as a Factor in Production

Cow No.	Aver. Prod. Milk lbs.	Aver. Prod. Fat lbs.	Increase in Prod. Milk %	Increase in Prod. Fat %
53	5258.9	233.69		
180	3639.0	180.53	—31	23
253	6128.4	298.33	17	28

AVERAGE PRODUCTION OF FIRST GENERATION GUERNSEY GRADES AND THEIR SCRUB DAMS

Cows No.	Dams Milk lbs.	Dams Fat lbs.	Cow No.	Daughters Milk lbs.	Daughters Fat lbs.	Increase in Production Milk %	Increase in Production Fat %
6	3715.3	164.93	110	3821.1	163.05	3	—1
31	3463.3	168.00	288	5400.8	308.99	56	84
33	4338.5	183.49	87	4213.1	179.72	—3	—2
52	3742.3	169.16	308	5355.9	280.78	43	66
53	5258.9	233.63	180	3639.0	180.53	—31	—23
			253	6128.4	298.33	17	28
58	3034.5	152.54	175	6286.1	322.71	107	112
Average	4186.0	189.39		4899.8	240.96	17	27

TABLE IV.

Average Production of Two Generations of Guernsey Grades and Their Scrub Ancestors

Dams			Daughters			Grand-daughters			Increase in Production 1st Gen.		2nd Gen.	
Cow No.	Milk lbs.	Fat lbs.	Cow No.	Milk lbs.	Fat lbs.	Cow No.	Milk lbs.	Fat lbs.	Milk %	Fat %	Milk %	Fat %
33	4338.5	183.49	87	4213.1	179.72	236	6345.7	320.16	—3	—2	46	74
						296	10283.0	491.74			137	168
53	5258.9	233.63	110	3639.0	180.53	301	8270.1	427.41	—31	—23	57	83
58	3034.5	152.54	175	6286.1	322.71	298	5955.0	309.40	107	112	96	103
						343	8521.8	435.85			181	185
Average	4496.6	199.62		4843.8	229.74		7744.9	388.23	8	15	72	94

The scrub cow No. 53 had two daughters, No. 180 and No. 253, by the pure bred Guernsey bull, Imp. Rouge II.'s Son 18587. These two cows, though full sisters, differed widely in production, one producing 31 per cent. less milk and 23 per cent. less fat than her dam and the other 17 per per cent. more milk and 28 per cent. more butter fat than her dam. This emphasizes the great importance of individuality as a factor influencing production and demonstrates that record keeping and rigid selection is necessary in the building up of a good producing herd.

Only three of the first generation grades have as yet had daughters of producing age in the herd but as two of these have had two daughters each there are now available records for five three-quarter blood Guernsey grades.

When the records of the three-quarter blood Guernseys are considered it is found that on the average they produced 7744.9 pounds of milk and 388.23 pounds of butter fat or 72 per cent. more milk and 94 per cent. more butter fat than did their scrub grand dams, showing that the man with a herd of grade Guernseys can not afford to be without a good pure bred Guernsey sire.

Increasing the production of a herd is for the dairyman merely a means of increasing the net returns from his herd and this point needs consideration. The feed records for the scrubs, used in the Iowa station work, and their descendants have been summarized to the spring of 1919 and the prices charged for feed were those current at that time. The grades of all breeds have been included in this part of the work and all lactation and dry periods have been considered as the feed consumed during the dry periods must be paid for when the cows are in milk. The average feed cost of production of 100 pounds of milk was $2.84 for the scrubs, $2.77 for the first grades and $2.48 for the second grades. The great increase in production obtained and the lowered cost for unit of product which accompanied it certainly indicates that the grading up of a scrub herd through the use of pure bred sires is a paying proposition.

Not only did the pure bred bulls transmit producing ability to their daughters but they also stamped them with the breed characteristics. This was of course most evident in the second generation of grades, as can be seen from the accompanying illustrations, and many of the three-quarter blood Guernseys would be considered good representatives of the breed. When all the facts of the case are considered the owner of a grade Guernsey herd has no valid excuse for having a grade bull at the head of it.

SUGGESTIONS ABOUT THE ADVANCED REGISTER

Pertinent Facts About the Testing Game Here and Abroad

By LOUIS McL. MERRYMAN

I think we are forgetting the real reason for Advanced Register testing. The dairy cow is a freak, developed from the wild cow that gave enough milk to feed her offspring six months into a cow that under good average conditions can produce from 10000 to 15000 pounds of milk a year, and under exceptional conditions can do twice as well. We have no right to so feed and treat these great cows, whose blood is an heritage handed down to us, that we destroy their breeding ability.

Of the eight high cows in class A only two bred regularly afterwards. More than one great cow, after her record, is a nervous broken down old cow before her time, or simply a beefy non-breeder. And this will continue as long as we make records under artificial conditions, which destroy the very blood which Advanced Register testing should select to increase the production of the future.

It has been said in defense of the present system, that it shows the cow that can stand the strain. The same can be said of thoroughbred horses, whose blood is invaluable to all our breeds of horses, but as long as we treat our cows as race horses, so long will we have doping and trickery associated with record making. To say that a trainer will not help a horse when by so doing he can make a $1000 bonus is hypocrisy of the rankest sort.

Records can be made sanely. I know three cows with records of over 600 pounds each, all now over sixteen years old and still breeding. I own two, and one is owned by a neighbor. One has five daughters with records of over 500 pounds each and a son at the head of one of the largest herds in the country. Another has four daughters with records over 500 pounds, three over 600 pounds, and her sons and grandsons are getting cows of like ability. The other has a 600 pound daughter, who in turn has three 700 pound daughters. In short, the blood of these three cows is doing invaluable good. I believe all three could have been forced to make from 800 to 900 pounds each and had their breeding ability ruined.

The two high record cows on the Island of Guernsey are both over sixteen and still breeding. The Island breeders are way ahead of us in record making. They only milk three times a day, feed a limited grain ration and plenty of succulents. All cows are treated kindly and as a result cows of eighteen are a common sight.

A remedy must be found to stop wanton destruction of this priceless blood. The double letter class has only made matters worse. I believe the 300 day class would be better. Another suggestion is to allow in the aged cow class at the National, cows with records of 600 pounds or its equivalent for under five year old records. This would bar the show cow that cannot produce, would distract attention from the high record cow of poor conformation. I have this suggestion:

Let the Cattle Club select fifty or more breeders, real cow men not classroom experts, competent to make retests. Such men would (to help the breed) work for a nominal sum, as they would only be called on occasionally, then have them

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GOVERNMENT CATTLE BREEDING WORK

Address Given at the Last Annual Meeting

By DR. R. R. GRAVES

THE dairy cattle breeding work was started by the Department of Agriculture some two and a half years ago, with the object of trying to throw some light on the methods of breeding and the laws of inheritance of milk and fat production, whereby the production of dairy cattle might be increased with uniformity and surety. The object of the work was not to aid in producing more 1000 or 1200 pound cows, but, if possible, to determine how a breeder could consistently improve the average production of his herd in order that he might, with confidence, expect to have a herd that would produce an average of 500 or even 600 pounds of butter fat when the animals were mature and handled under conditions that were not too far from normal.

This work was started with a full realization that the problem was an intangible one, a problem to which it would be difficult to get a definite answer, as are many hereditary problems. Breeders of dairy cattle have for years planned their breeding operations and spent large sums of money and much time and effort in selecting animals that would fit into their breeding operations in conformity with certain theories of breeding. Some of these theories are line-breeding, in-breeding and crossing, nicking, prepotency and the sex-linked theory. It was thought that our proposed work might at least indicate whether or not the effort and money breeders are using to follow these theories were worth while from the standpoint of results.

MEDORA OF MAPLE GLEN 36946
Record: 13131.0 lbs. of milk; 686.20 lbs. of butter fat, class A
Sire—George Washington of Fairfield Farm 10866
Dam—Laurabell of Maple Glen 20525
Owned by E. B. Cadwell, Saugerties, New York

Our work was laid out largely along two lines, that of tabulation and study of results of breeding operations as shown by the Advanced Register and Register of Merit records of the various breeds and that of actual breeding experiments carried out along definitely planned lines and necessarily extending over a series of years. I am not here to tell you that we have solved any of these breeding questions, but rather to explain to you the nature of the work and give a sort of report of progress.

The study of Advanced Register records is well under way. The study of the Holstein-Friesian yearly record animals is almost completed and will soon be published. The study of the Guernsey Advanced Register animals is well along and tabulation of Jersey records is progressing.

The actual breeding experiments, because of no definite appropriations for the work, have not been gotten under way so rapidly.

I want to tell you, briefly, some of the results of our study of Guernsey records, as far as it has gone. In discussing these data I want to warn you of some of the limiting factors in drawing conclusions from studies of Advanced Register records. These factors are the lack of information relative to the conditions under which records are made and lack of information about the transmitting and producing capacity of the dams, daughters and sons who were not tested because of lack of ability, lack of opportunity, injuries, or what not. A study of this nature does give indications of value, but this lack of information relative to conditions under which tests were made and relative to the ability of the untested animals, emphasizes the need of breeding operations under experimental conditions, for the purpose of checking such observations as we may make from Advanced Register records.

One hundred sixty-six sires were selected as the best sires of the breed, as measured by an arbitrary standard, for study. These sires were divided into three classes, viz., sires of production, sires of breeding daughters, and sires of breeding sons. Our standard for selection was as follows: For sires of production, five daughters with 500 pounds of calculated butter fat, four daughters with 600 pounds of calculated butter fat, three daughters with 700 pounds of calculated butter fat, or two daughters over 800 pounds of calculated butter fat. For sires of breeding daughters—two daughters, each with two daughters over 500 pounds of calculated butter fat, or two daughters each with two sons in this list, or two daughters, one with producing or breeding daughters and the other with sons in this list. For sires of sires two sons in this list of breeding sires, or a sire and a son each in the list of sires. We have 134 sires in the list of sires of production.

These 166 sires trace in a direct male line through their sires to the following foundation sires:

1.	Loyal of the Hunguets 978 P. S.	37
2.	Masher II on Guernsey	26
3.	Sheet Anchor 2934	15
4.	Governor of the Chene 1297 P. S.	15
5.	Bonny Boy 1097	10
6.	Imp. Golden Secret 12599	8
7.	Pat of Haddon 3919	7
8.	Imp. Sir Champion 38	6
9.	Guydette 3966	6
10.	Springer 2685	5
11.	Lord of Kenosha 2660	5
12.	Rival of Mont Marche	3
13.	Imp. Squire of Les Vauxbeletes	3

There are five other foundation sires to each of which there are two sires in this list, trace in a direct male line, and ten miscellaneous sires that do not trace to any one foundation sire. There are only ten dams that have as many as two sons in this list of 166 sires, and of these ten, only one, Imp. Itchen Daisy 3d 15630 has three sons in the list, those sons being Ne Plus Ultra 15265, Imp. King of the May 9001, and Itchen Daisy's May King of Langwater 17349. One of these three sons, as you know, was by Imp. May Rose King

8336 and the other two by Dolly Dimple's May King of Langwater 12997—both are great breeding sires. Imp. Itchen Daisy 3d 15630 is also the only one of these ten dams to have daughters that have either made records of note or that have proved breeders, two of her six daughters having made records of 747 and 812 pounds of butter fat, and one has a son in this list of sires. Imp. La Belle Petite 18114, another of these ten dams, has one daughter with a record of 781 pounds of butter fat in class D; and two others have two daughters with mediocre records. These ten dams are

Dolly Dimple 19144, Glenwood Girl 2d 9108, Imp. Itchen Daisy 3d 15630, Imp. La Belle Petite 18114, Lily Ella 7240, Miss Elsie 8165, Nancy Mac 11523, Imp. Primrose of the Gree 28518, Stranford's Princess 11740, Yeksa's Queen 6631.

Inbreeding and Line Breeding

Five generation pedigrees were made of these 166 sires. These pedigrees were analyzed for the percentage of common blood on the sire and dam side. Following the breeders' usual method of classifying in-breeding. line-breeding and out-crossing, we have classed those as in-bred that have an average of 50 per cent. or more common blood on the sire and dam's side; those as line bred that have from 20 per cent. up to 50 per cent. common blood on ths sire and dam's side, and those that have less than 20 per cent. common blood on the sire and dam's side as out-bred or out-cross and in addition we have noted those who have no common ancestors on their sire and dam's side, in five generations. These last may be termed strictly out-cross, for even though they should have common ancestors in the sixth, seventh or eighth generations, the relationship will be so small as to be negligible. If a sire is closely inbred, and a dam is closely-in-bred. but if the sire and dam are unrelated, we have considered their son or daughter an out-cross animal. By this standard, 114 sires, or 68.7 per cent. of the 166 sires, are out-cross; thirty-two, or 19.3 per cent. are line-bred; and twenty, or 12 per cent. are in-bred. Of these 114 sires that are classed as out-cross, seventy-eight sires have no common ancestors on their sire and dam's side in five generations. These seventy-eight sires constitute 46.9 per cent. of the entire 166 sires. This proportion of out-cross, line-bred and in-bred sires is about the same as was found in the list of 160 Holstein-Friesian sires. Sixteen out of thirty-seven of the Loyal of the Hunguets 978 P. S. male descendants in this list, which included most of the May Rose bulls, are line-bred or in-bred: Twelve out of twenty-six sires descended from Masher II, are line- or in-bred. Five out of the fifteen sires descended from Sheet Anchor 2934, are line or in-bred. Two out of fifteen of the sires descended from Governor of the Chene 1297 P. S., three out of ten of the sires descended from Bonny Boy 1097, two out of eight of the sires descended from Imp. Golden Secret 12599, one out of seven sires descended from Pat of Haddon 3919, and none of the six sires descended in a direct male line from Imp. Sir Champion 38 are either line-bred or in-bred.

IMP. ROEHAMPTON DAISY 52356

Record—11160.8 lbs. of milk; 617.65 lbs. of butter fat, class E.
Sire—Roehampton Polo 3d 2500 E. G. H. B.
Dam—Daisy of Les Prevosts 2d 8902 E. G. H. B.,
Owned by Emmadine Farms, Hopewell Junction, N. Y.

In view of the decided favor in which line-breeding has been held by the majority of breeders in past years the proportion of these sires that are line-bred or in-bred is surprisingly small.

Much to our surprise we found a greater number of strains or families as indicated by the eighteen foundation sires, to which these sires trace in the Guernsey breed than in the Holstein-Friesian breed, where the great majority of the sires trace in a male line to only five foundation sires. The male line of all pedigrees studied was found to be the most uniform of any line of the pedigree with the male line of the dam ranking next in uniformity, indicating that the sires have been more carefully selected than the dams.

The data from which we are securing the most information relative to the inheritance of milk and fat, is from that of the sires who have a number of tested daughters from tested dams. We have taken for this study all sires having six tested daughters from tested dams. The variation in the records of the daughters of a sire are so great that it is not worth while to consider those sires who have less than six. Then, too, six daughters is probably the minimum number on which any correlation coefficient between daughters and their dams, with respect to yield of milk or percentage of fat, would be at all indicative. We have some ninety sires in the Guernsey breed, each with 6 or more tested daughters from tested dams. Where the record of either daughter or dam was made under five years of age both the milk and the fat were computed to maturity in order that their records be on a comparable basis.

For a long time we have talked of 600 pound sires or 700 pound sires, meaning that a sire would get daughters of a certain standard of production. A study of the records of the daughters of these sires shows the variation to be as great in most cases, between the daughters of a sire as between those daughters and their dams. Even with the best of sires there will be found a variation of from 200 to 450 pounds of butter fat between their lowest and their highest record daughters, and it should be remembered that these records are calculated to maturity, so that the difference in age, at time records are made, is eliminated.

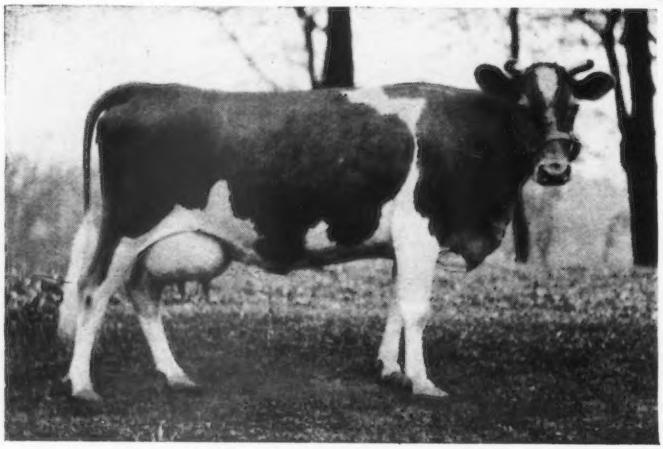
Neither is there a very marked correlation between the daughters and their dams with respect to production. One need not expect that his sire will always get his lowest producing daughters from the lowest record dams to which he is mated, nor his highest producing daughters from the highest producing dams, though on the average, especially when the averages of all the daughters and the average of all the dams of the daughters of each sire, are considered, it will be found that the sire with the highest average daughters is likely to have been mated to dams that rank up fairly well in production among the groups of dams. The production of the individual daughters of most of the sires does not follow very closely that of their dams. For instance, study the comparative records of the daughters of Ledyard Bay 11074 and their dams.

LEDYARD BAY 11074

Daughters			Dams		
Milk	% fat	Fat	Milk	% fat	Fat
8670.0	5.45	472.2	8179.3	4.64	378.2
9477.3	4.95	498.4	11142.0	4.95	551.2
10217.8	5.09	520.2	10233.1	4.93	504.3
10214.8	5.12	522.6	11142.0	4.95	551.2
11990.9	4.96	494.4	10547.1	4.51	475.6
12667.8	5.27	667.6	9275.5	4.77	442.1
11929.2	5.77	688.7	11692.3	5.17	604.9
10345.8	5.22	693.1	8160.9	5.04	411.3
17612.9	5.28	930.0	10233.1	4.93	504.3

	Milk	% fat	Fat
Drs. average	11458.5	5.87	673.14
Dams average	10067.2	4.88	491.45
Daughters exceed dams average of	1391.3	0.99	181.69
Percentage increase	13.8	20.28	36.90

The records of the daughters of Ledyard Bay 11074 are ranked according to the size of their fat records from the smallest at the top to the largest at the bottom. The record of the dam of each daughter is on the same line of the right hand side. It will be noted that the lowest record daughter comes from the lowest record dam while the next to the largest record daughter comes from the second lowest dam. The next lowest record daughter and her full sister, the fourth from the bottom, are the only ones that failed to increase the fat records of their dams—though the dam of these daughters had a record that was fifty pounds lower than the highest record dam, and the record of the daughter of that dam was increased by eighty-four pounds of butter fat. Records of full sisters often show great variations. Imp. Masher's Galore 8572 has three daughters out of a dam with a record of 415.6 pounds of butter fat. Their records are 726.3, 785.6 and 836 pounds of butter fat. Langwater Dictator 15068 has two daughters out of a dam with a record of 359.2 pounds of butter fat. Their records are 566.8 and 736.6 respectively. Lord Waukesha 10148 has two daughters out of a dam with a record of 466 pounds of butter fat. Their records are 581 and 731 pounds of butter fat



IMP. NOBLE GIRL 5th OF GLYNN 53981

Record: 9585.8 lbs. of milk; 552.06 lbs of butter fat, class A
Sire—Reveller 2363 E. G. H. B. Dam—Imp. Noble Girl of Glynn 53920
Owned by H. G. Haskell, Cossart, Pennsylvania

Imp. May Rose King 8336 has two daughters out of a dam with a record of 534.3 pounds of butter fat and their records are 483 and 721 pounds of butter fat respectively. May King's Vrangue of Ingleside 15430 has three daughters out of a dam with a record of 629.3 pounds of butter fat and their records are 657.6, 721.0 and 862.8 pounds of butter fat respectively. He also has two daughters from a cow with a record of 721.6 pounds of butter fat and their records are 727 and 748 pounds of butter fat, these latter records being very close. Christie's Combination 14651 has his highest record daughter, 538.3 pounds of butter fat and his lowest record daughter, 386.1 pounds of butter fat, from a dam with a record of 446.8 pounds of butter fat. These records of full sisters indicate the great variation between cows who have absolutely the same ancestry and serves to show that neither the record of a dam of a daughter nor the record of a few of the sires, other daughters, are a sure indication of the producing capacity of any individual daughter. Evidently it cannot be said that a sire will get daughters that will all have the capacity to make uniform records of a certain standard regardless of the uniformity of the records of the dams he is mated with. Nor can we say that if a certain sire had been bred to 700 pound dams he would have gotten daughters that would have had an 800 pound capacity. This great variation between the daughters of a sire, between the records of the daughter and her dam, between full sisters can best be explained by the chromosome theory of inheritance.

THE CHROMOSOME THEORY

Geneticists are now generally agreed that the mechanism of heredity is closely associated with those minute bodies in the germ cells called chromosomes. The chromosomes are the carriers of the factors which go to make up the characteristics of an individual. Each ovum or egg in the ovary of the cow and each sperm cell in the bull, has a defintie number of chromosomes. These chromosomes are in pairs. Each member of each pair of chromosomes has the factors for the same characters. One chromosome of each pair is contributed by the male parent and the other is contributed by the female parent. Perhaps the idea of the chromosomes may be better understood if you will imagine two pods of green peas, each pod having the same number of peas. If these two pods are placed side by side the peas in one pod will be opposite the peas in the other pod and those peas that come opposite each other represent a pair of chromosomes. The peas in one pod represent the chromosomes in the egg, or in the sperm cell, that were contributed by the male parent and the peas in the other pod represent the chromosomes contributed by the female parent. Let us suppose that the peas in these two pods are the chromosomes in the egg, and that the first pea in each pod carries the factor or factors that govern the amount of milk secretion and that the second pea in each pod has the factors that determine the percentage fat in the milk. The first two peas in one pod have the factors governing milk yield and percentage of butter fat contributed by the male parent and the first two peas in the other pod represent the chromosomes that have the factors for milk yield and percentage of butter fat contributed by the dam. Now as the cell develops these two strings of chrosmosomes come together and are entwined about each other. Later they separate again. While they are in contact with each other the factors governing percentage of butter fat for instance, may exchange places with each other, so that when the strings of chromosomes become separated one chromosome may not have all the factors contributed by the male and the like chromosome of that pair may not have all the factors contributed by the female as before, but each of the two chormosomes may have some factors contributed by each parent. Before the egg leaves the ovum there is a stage of reduction, so that the egg that finally passes from the ovum has one

(Continued on Page 161)

Sales

The Southeastern Guernsey Breeders' Second Guaranteed Sale, Thursday, August 12, 1920, at Salisbury, North Carolina.

The New York State Guernsey Breeders' Associations Second Annual Sale, Saturday, September 18, 1920 at Fernbrook Farm, Albany, New York. See advertisement on back cover.

Langwater Farms Guernsey Sale, Tuesday, September 21, 1920 at North Easton, Mass. See advertisement on pages A–38 and A–39.

The Wisconsin State Guernsey Sale, Wednesday, October 13, 1920 in the Stock Pavillion of the University of Wisconsin, Madison, Wisconsin. See advertisement on page A–48.

Guernseys Wanted

This column contains the names and addresses of those who have informed us that they are in the market for Guernseys, also brief descriptions of the cattle wanted.

Robert H. Engle, Freeport, R. 3 Illinois. A small Guernsey herd.

Willis Farm, Lamontville, New York. A few Guernsey heifers.

Robert Kersten, Baldwinsville, R. 2, New York. Good grade Guernsey cows or heifers.

H. C. Bates, Live Stock Development Agent, Southern Railway System, Atlanta, Georgia. One or two carloads of grade and pure bred Guernsey heifers.

William E. Thomas, Snohomish, R. 3, Washington. A Guernsey bull calf.

Cunningham Brothers, R. 5, New Castle, Pennsylvania. Two Guernsey heifers under one year.

WHAT THE COWS ARE DOING

Their latest credits in the Advanced Register

Special Note: This list contains the monthly and total credits as checked at the time of going to press. Any omissions or back credits given signify that either data had not been received in time or are held pending verification. These credits are subject to verification and correction until final approval and acceptance and are all made on the two-day test basis except where especially noted.

ADAMS, GEORGE W., WILD WOOD POINT, NASHOTAH, WIS.								
Goldie of Hilly Beach 47620	A	309	Mar	428.4	5.12	21.93		
		339	Apr	340.9	4.83	16.47	9113.5	399.16
Meina of Hilly Beach 48184	A	309	Mar	399.6	5.91	23.62		
		339	Apr	320.1	5.55	17.77	8639.4	414.22
ADKINS, B. F., COSQUAY FARM, HEBRON, MD.								
Cosquay's Beauty 79455	G	112	Apr	861.6	5.74	49.46	3295.0	180.13
Cosquay's Golden Maggie 83761	G	9	Mar	255.7	4.82	12.32		
		39	Apr	1084.8	4.89	53.05	1340.5	65.37
Imp. Daisy Queen of Mara Alva 77219	D	9	Mar	275.0	4.39	12.07		
		39	Apr	1289.1	4.39	56.59	1564.1	68.66
Imp. King's Maid of Mara Alva 77221	F	343	Apr	650.4	5.58	36.29	8854.3	425.34
Pansy of Locust Hill 41487	A	349	Apr	581.3	5.36	31.16	9442.6	429.06
Red Rose of Cosquay 75188	G	281	Apr	839.6	4.96	41.64	8432.3	366.51
ADMINSTER, A. J., HOLCOMBE, WIS. 1 day test.								
Bonny Jean of Bonny Lea Farm 78490	G	30	Nov	377.4	5.18	19.55		
s. Daisy Belle's Goldseeker of A. D. F. 36625		61	Dec	526.9	5.44	28.66		
		93	Jan	486.9	5.33	25.95		
d. Sunshine Girl 59538		121	Feb	438.7	5.90	25.88		
		152	Mar	491.7	5.67	27.88		
		182	Apr	463.2	5.51	25.52	2784.8	153.44
AGNEW, J. P. & SON, "INVERNESS," BURKEVILLE, VA. 1 day test.								
Aimable's Belle of Inverness 71061	E	177	Apr	860.4	5.15	44.31	5640.4	295.88
Alderney's Fanny of Oak Ridge 50935	A	177	Apr	990.7	4.89	48.45	6144.9	330.90
Belle Helen of Inverness 50161	A	177	Apr	873.1	4.39	38.33	5572.5	245.26
ALLEN, H. M., SWEET SPRINGS FARM, TROY, OHIO.								
Lucile of Sweet Springs 86725	F	365	Mar	378.9	4.71	17.85	9803.8	432.53
Sequel's Muriel 42808	A	163	Mar	1057.7	5.02	53.10		
		193	Apr	1009.9	5.13	51.81	7176.7	367.42
AMES, F. L., LANGWATER FARMS, NORTH EASTON, MASS.								
Langwater Amazon 74566	G	272	Apr	635.8	5.68	36.11	9183.2	485.09
Langwater Diva 68789	B	155	Apr	1034.5	4.40	45.52	6440.8	284.75
Langwater Memoir 74347	G	330	Apr	938.9	4.98	46.76	12840.3	585.97
Langwater Queenly 70308	E	364	Apr	907.5	5.27	47.83		
		365	May	30.8	5.27	1.62	14224.7	675.29
Langwater Rosemary 70292	C	101	Apr	1102.5	5.27	58.10	4119.9	220.68
Langwater Sybarita 77758	F	74	Apr	1152.6	4.14	47.72	2935.7	118.89
AMES, JOHN S., NORTH EASTON, MASS.								
Minnie Marigold 60146	B	4	Mar	175.0	3.92	6.86		
s. Langwater Holliston 28055		34	Apr	1750.7	3.92	68.63	1925.7	75.49
d. Minnie Sterling 48732 A. R. 4855								
Imp. Mollie of Diamond Farm 93694	F	132	Apr	1017.7	5.17	52.62	4661.8	232.36
Imp. Pride of Calais II. 93684	E	204	Apr	1019.9	4.63	47.22	6714.8	316.58
BARRON, C. W., THE OAKS FARM, COHASSET, MASS.								
Carnation of Oaks Farm 67074	E	269	Apr	641.3	6.46	41.43	6355.5	359.63
Clara's Sequel's Hilo 45459	A	121	Apr	1313.9	4.55	59.78	5393.7	256.16
Imp. Dusky of Sarnia 59351	A	99	Apr	1240.0	5.16	63.98	4337.0	223.86
Jessie W. of Westwood 49631	A	335	Apr	246.5	5.46	13.46		
				390.1	6.09	23.76	8379.5	413.47
June of Bellemead 68286	F	361	Apr	727.3	5.67	41.24	8262.3	469.41
Marie of the Oaks 87871	G	54	Apr	930.5	4.53	42.15	1624.3	80.24
Miss Spotswood of A. D. F. 66091	D	69	Apr	753.3	5.16	38.87	1824.4	91.14
Modena's Bond Beauty 42716	A	84	Apr	1401.0	4.24	59.40	4030.2	201.71
Modena's May Rose 64841	D	95	Apr	889.5	5.55	49.37	2949.9	163.51
Golden Wissy of Cosquay 60853	B	9	Mar	401.4	5.00	20.07		
s. Maidstone 20428 A. R.		39	Apr	1291.6	5.00	64.58	1693.0	84.65
d. Golden Wissy of Pencoyd 32799 A. R. 6310								
Moonlight's Lakeside's Princess 77606	F	10	Mar	315.3	4.23	13.34		

s. Moonlight King of Anna Dean Farm 29586 A. R.		40 Apr	1156.7	4.23	48.93	1472.0	62.27
d. Katydin of Lakeside's Princess 47488 A. R. 4698							
Sparkle of Cosquay 52416	A	181 Apr	894.4	5.68	50.80	5816.2	313.70
Spotswood Princess of A. D. F. 66098	E	335 Apr	784.3	5.32	41.72	8263.2	428.54
Sweet Corn of Annandale 33622	A	81 Apr	995.7	5.36	53.37	2855.9	158.76
BASSE BROS., WILLALVIN FARM, WEST ALLIS, WIS. 1 day test.							
Clovernook's Queen Ada 81937	F	176 Apr	728.2	4.80	34.95	4982.3	234.35
Maggie of Willalvin Farm 70921	G	365 Apr	112.0	6.52	7.30	7151.1	403.18
Natoma Primrose 2d 50954	A	228 Apr	761.4	5.00	38.07	6813.6	318.78
BEAMAN, WILLIAM E., "BLOW-ME-DOWN," CORNISH, N. H.							
Irene of Blowmedown 87747	F	61 Apr	804.0	4.38	35.22	1623.2	69.13
Irene of Round Hill 60038	B	31 Mar	1093.5	5.05	55.22		
s. Reality of Greenway's France Jewel 18381		61 Apr	916.0	4.98	45.62	2009.5	100.84
d. Golden Girl of Round Hill 43124							
King of the May's Princess Rosendale 59472	B	60 Apr	797.9	4.32	34.47	1782.7	76.13
Nankeen 8th 47814	A	21 Mar	659.8	5.35	35.30		
s. Merger 15051		51 Apr	1174.9	5.39	63.33	1834.7	98.63
d. Nankeen 12917							
Nankeen 8th's May Queen 66811	D	59 Apr	847.5	4.94	41.87	1637.5	79.16
BEIRNE, JAMES H., "BEIRNETOWN," OAKFIELD, WIS.							
Jessie of Herodale 58186	B	14 Mar	651.2	4.58	29.82		
		44 Apr	1402.3	4.58	64.23	2053.5	94.05
Topsy of City View 77019		91 Mar	939.2	6.55	61.52		
	F	121 Apr	945.7	6.47	61.19	3753.4	236.12
BOHART, W. O., BOZEMAN, MONT.							
Jessie's Jeweller's Lela 72923	F	335 Mar	612.6	5.49	33.63		
		365 Apr	565.4	6.68	37.77	7328.1	371.47
Lela Brutus of Bozeman 55095	B	365 Apr	436.3	5.17	22.56	8613.7	375.14
Onward Girl 76682	G	152 Apr	627.7	4.91	30.82	3404.7	165.92
Onward's Lela 76681	G	336 Mar	13.2	5.21	.69		
			4.0	4.86	.19		
		365 Apr	639.6	4.86	31.08	6950.0	302.19
Select of Bozeman 57627	A	365 Apr	903.7	5.20	46.99	8307.2	440.60
BORDEN, HERBERT, MICKLETON, N. J.							
Dimple Lassie of Mondamin 57447	A	19 Feb	605.40	4.30	26.03		
s. Dimple Bloom 3d 20837		50 Mar	1134.1	4.74	53.76		
d. Tuxie Girl 37345		80 Apr	1064.5	4.60	48.97	2804.0	128.76
BOSWELL, H. E., BURKEVILLE GUERNSEY FARM, BURKEVILLE, VA. 1 day test.							
Imp. Amelia of Millmount IX. 29377	A	77 Apr	1793.0	3.90	69.93	4303.9	172.88
BREITRICK, O. H., THE CATALPA FARM, APPLETON, WIS.							
Butter Queen's Pearl 102856	F	152 Apr	643.9	4.29	27.62	3512.2	152.55
Frenchmaid of Mound City 59048	B	121 Apr	1081.9	4.47	48.36	4814.0	207.27
BREUCHAUD, JULES, HIGH POINT SPRINGS FARM, OLIVEBRIDGE, N. Y.							
Golden Glory of High Point 81071	G	41 Apr	843.8	4.76	40.16	1095.7	52.58
Lenore's Golden Glow of High Point 81070	G	30 Apr	1056.9	4.00	42.28		
Sunset of High Point 80408	G	108 Apr	1001.4	4.49	44.96	3727.1	168.11
Ultra Celia 72478	G	304 Mar	1100.1	6.46	71.07	10528.3	605.74
Ultra May Queen 62690	D	257 Apr	1188.0	5.37	63.80	10460.3	542.00
BREWSTER, GEORGE S., "FAIRLEIGH," OYSTER BAY, N. Y.							
Imp. Honeymoon's Rose 94709	D	61 Apr	1176.7	4.74	55.78	2385.2	109.92
Roxy Jane 57189	A	117 Apr	1000.0	4.28	42.80	3921.1	170.46
Some Pumpkin of Little Farm 84834	D	115 Apr	1321.1	3.86	50.99	4689.9	184.61
Vauxbelets Lady of Bellevue 48013	A	30 Apr	1340.2	4.35	58.30		
s. Imy. Roberts' Boy 21662 A. R.							
d. Imp. Lady of the Vauxbelets 39643							
BROWN, C. K., AUGUSTA, WIS. 1 day test.							
Chief's Dew Drop of Mizpah Lodge 100903	G	115 Apr	827.4	3.92	32.43	3443.7	145.71
BROWN, W. J., PEACEFUL VISTA FARMS, REDFORD, MICH.							
Albamont Ida 81023	G	47 Apr	868.9	4.64	40.32	1347.8	60.29
Albamont Polly's Heroine 81025	G	14 Apr	444.2	5.01	22.25		
s. Hero of Westwood 40213							
d. Polly of Gerar 53663							
Goldseeker's Suffragette of A. D. F. 80645	F	61 Apr	997.3	4.99	49.77	1997.8	91.09
BURNETT, A. E. & SON, "GLEN WILLOW," NOVELTY, OHIO.							
Beauty's Yeksa 49625	A	78 Apr	615.1	4.97	30.57	1924.7	91.07
Emerita's France Queen 71841	D	30 Apr	834.4	4.63	38.63		
s. Galaxy's France 25691							
d. Miranda's Emerita of Avonlea 45760							

From the Guernsey World

Connecticut

Guernsey Leads for Three Months in Association Work

B. F. Dibble, in charge of the Canaan Cow Testing Association, writes "It may be of some interest to you to know that Scoville cow owned by W. A. Rand of Salisbury has put the grade Guernseys in the lead of butter fat producers in the Canaan Cow Testing Association for the months of April, May, and June, her record being 93, 99, and 81 pounds of butter fat respectively."

—LITCHFIELD COUNTY

Iowa

Increased Interest in Live Stock Departments Shown by Entries

Indication of a tremendous increase this year in the interest being shown in the live stock departments of state fairs was given this week in a statement issued by A. R. Corey, Secretary of the Iowa State Fair.

Letters of inquiry from a large number of stock men who have never before shown at fairs have been received by the Iowa Exposition. These include all kinds of stock. The largest increase, the secretary states, is in the cattle department. This, it is stated, is partly due to the opening of the new $200,000 cattle barn at the Iowa Fair.

The swine department reservations are practically sold out already, Secretary Corey states. All indications, he declares, point to a tremendous year for live stock interests at all fairs.

Michigan

"Knolly-nook Klippings"

We just recently sold two young registered cows, together with a young bull calf, to Clement Chalker of Bancroft. This represents our first sale of females, and although we had not intended to sell anything but bull calves Mr. Chalker so earnestly requested us to put a price on some of our cows that we did, and before leaving he picked out two young cows and a bull calf at our own figures, consequently they are gone.

The bull calf is sired by our herd bull Pencoyd Patriot 49705, whose three

nearest dams average 678 pounds of butter fat; and is out of a daughter of Deanie's Raymond of Lewison 13250. At two years and four months of age Pencoyd Patriot 49705 weighs approximately 1400 pounds, and his calves all carry his excellent individuality and size.

Mr. Chalker has had some experience in breeding registered Holsteins, but has disposed of them to replace with Guernseys. Of course the JOURNAL, as well as our best wishes, goes with this unexpected sale.

—P. S. MYERS & SON
Genesee County

Gleason's Sale

I recently sold Susie's Sir Lancelot of the Ridge 64502 to Ira M. Ullery of South Bend. Mr. Ullery had asked for a chance to buy the calf of Susie of the Ridge 43719 a year ago, but her calf then was a heifer so he waited another year, and now has a calf from the cow he fancied. Susie of the Ridge 43719 won second place in class FF, and also second place in class BB. She is a real dairy cow, having made both records under ordinary dairy conditions, being milked but twice daily and running in pasture summers and standing in stanchions when not in pasture.

Mr. Ullery is doing some line breeding with a Ne Plus Ultra 15265 bull, and will use Susie's Sir Lancelot of the Ridge 64502 on his daughters to avoid inbreeding.

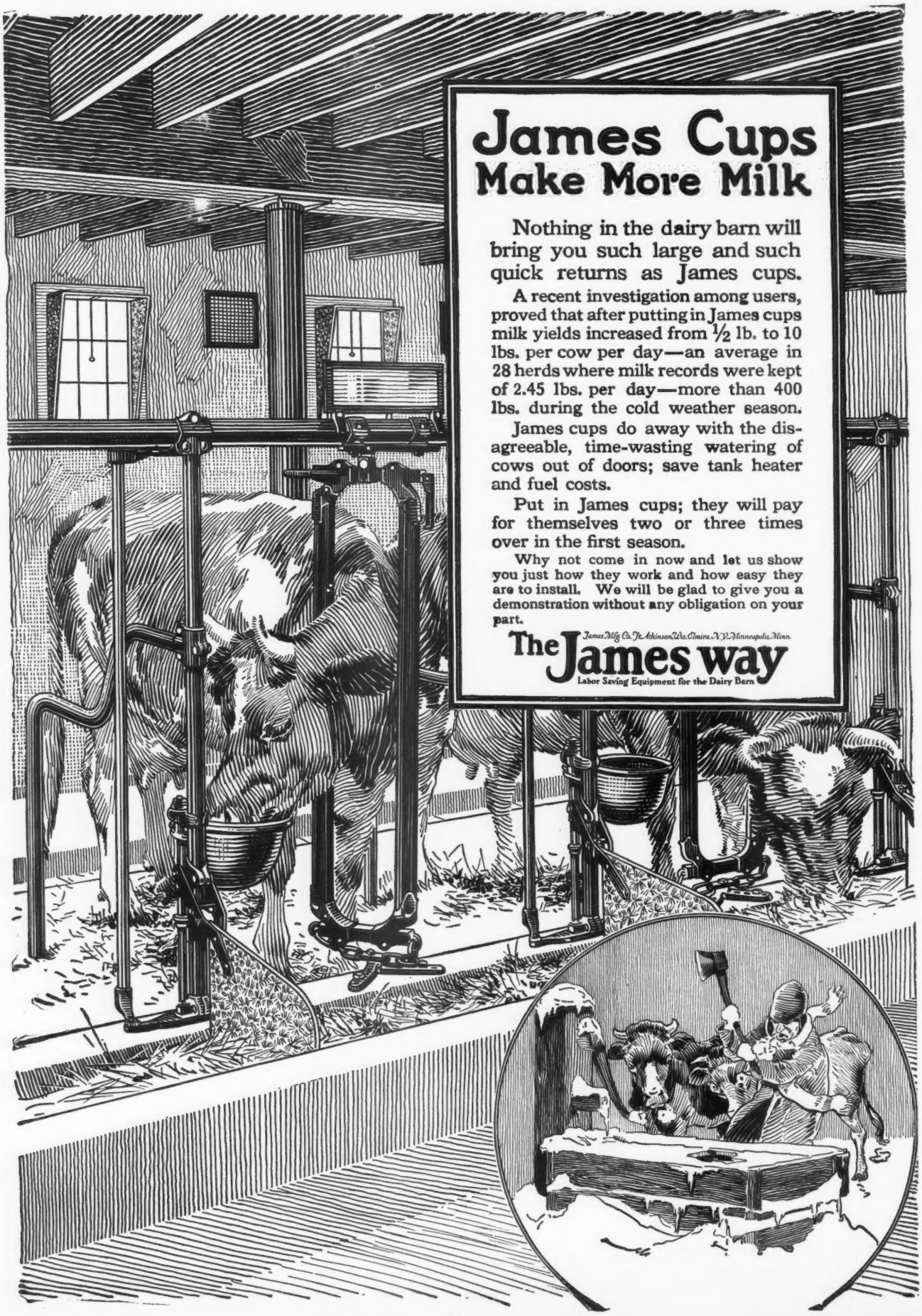
—FRED C. GLEASON
Berrien County

Minnesota

Floridale Farm Has Excellent Herd Foundation

Less than five years ago L. E. Hageman & Sons started to build up a herd of pure bred Guernseys on their farms near Hastings, Minnesota. In this short time they already have a herd of excellent quality. Their herd sire, Merry May King 50285, is without question one of the best indivisuals in the state and is wonderfully well bred. His dam, Anton's Patience 24774, is well known to Guernsey breeders as one of the great cows at Burnside Farm, Eccleston, Maryland. She has four A. R. records,—430 pounds in class C, and 572 pounds, 643 pounds, and 504 in class A. Besides this record of production she has four well known daughters and one A. R. son, besides Merry May King 50285 and Merry May Day 43520, one of the herd sires of Burnside. The sire of Merry May King 50285 was King

Galaxy's Yeksa Belle 64642	C	115	Apr	644.4	4.45	28.68	2582.0	129.53
Sarah Althea 39229	A	198	Apr	849.9	5.11	43.43	6370.8	315.15
CADWELL, E. B., SHAGBARK FARM, SAUGERTIES, N. Y.								
Flora of Trout Brook 76992	G	213	Mar	834.0	5.26	43.87		
		243	Apr	851.1	5.45	46.38	6868.3	367.02
Florence of Oakland Farm 39374	A	17	Jan	630.5	4.75	29.95		
		46	Feb	1249.3	4.23	52.85		
		77	Mar	1255.2	4.78	60.00		
		107	Apr	1055.6	4.57	48.24	4190.6	191.04
Frances of Trout Brook 76997	G	213	Mar	663.7	5.61	37.23		
		243	Apr	677.7	5.88	39.85	5623.6	311.21
Guernest Lady 71786	F	213	Mar	786.7	4.72	37.13		
		243	Apr	842.1	4.82	40.59	6672.5	316.42
Guernest Melba 76669	G	238	Mar	831.2	5.13	42.64		
		268	Apr	842.1	4.94	41.60	7558.5	362.08
Langwater Ida 66268	C	178	Mar	670.0	4.99	33.43		
		208	Apr	679.2	5.54	37.63	5581.6	307.75
Maple Glen Jessie 71775	G	365	Apr	311.3	5.69	17.71	11110.0	617.77
Maple Glen Rose May 78739	G	173	Mar	818.1	5.24	42.87	5761.8	288.72
May Blossom of Tarbell Farms 75736	F	270	Mar	981.0	4.16	40.81		
		300	Apr	992.6	4.38	43.48	6694.5	290.40
Melba May of Edgemere 67948	D	170	Mar	1072.5	4.74	50.84		
		200	Apr	1070.2	5.00	53.51	7228.8	347.62
CHAMBERLIN, LEROY, CLIFTON FARMS, PAEONIAN SPRINGS, VA.								
Polly of Cherry Mount 40826	A	344	Mar	1487.3	3.72	55.33		
		365	Apr	959.4	3.72	35.69	9924.7	414.94
Joanna of Cherry Mount 49199	A	344	Mar	895.7	5.30	47.47		
		365	Apr	553.0	5.30	29.31	7867.4	440.21
CHAMBERLIN, LEROY & EDWARD, PAEONIAN SPRINGS, VA.								
Frances of Clearview 5th 58148	C	344	Mar	1247.1	4.30	53.63		
		365	Apr	783.7	4.30	33.70	8710.5	392.11
CHAPIN, EDWIN, BUSBIA FARMS, IOLA, WIS.								
Maple Hill's Lily 79468	G	148	Mar	930.4	5.04	46.89		
		178	Apr	888.7	4.60	40.88	5887.1	267.81
CHENEY, B. AUSTIN, FALCON'S FLIGHT FARMS, LITCHFIELD, CONN.								
Amoretta of Falcon's Flight 72158	E	6	Mar	149.5	4.00	5.98		
s. Raymond's Pioneer of Lewison 19103 A. R.		36	Apr	992.1	4.00	39.68	1141.6	45.66
d. Violetta of Fern Ravine 43787								
Candida of Falcon's Flight 70844	D	56	Apr	995.2	4.57	45.48	1929.9	87.26
Cherry of Falcon's Flight 74696	F	301	Apr	822.3	5.13	42.18	8669.0	421.09
Cassandra of Falcon's Flight 57501	B	168	Apr	1086.7	5.01	54.44	6806.3	329.91
Ethel of Falcon's Flight 60075	C	173	Apr	825.4	5.29	43.66	6246.0	322.73
Falcon's Amarylla 78633	F	46	Mar	877.3	4.53	39.74		
		76	Apr	830.9	4.77	39.63	2090.6	94.86
Falcon's Mignon 60074	C	213	Apr	1044.6	4.65	48.57	7692.4	370.35
Fi Fi of Falcon's Flight 46495	A	30	Apr	1383.0	4.02	55.60		
s. Bell-founder 11681 A. R.								
d. Luka Lenfestey 25372 A. R. 5764								
Gypsy of Falcon's Flight 76893	G	228	Apr	781.7	5.07	39.63	6490.7	311.46
Hope of Falcon's Flight 61159	C	76	Apr	1246.1	3.65	45.48	3028.8	116.94
Hortense of Falcon's Flight 61158	D	350	Mar	560.9	6.93	38.87		
		365	Apr	174.4	6.93	12.09	10055.8	551.93
Jenny of Falcon's Flight 28118	A	101	Mar	1216.9	5.78	70.34		
		131	Apr	1085.9	5.60	60.81	5345.8	285.95
Lily Raymond of Falcon's Flight 75355	F	316	Apr	699.9	5.53	38.70	7908.4	437.89
Lily Rockingham 40880	A	17	Apr	868.4	4.04	35.08		
s. Rockingham 18120 A. R.								
d. Imp. Lily of Mt. Plaisant 33244								
Litchfield Lassie 2d 54401	A	108	Apr	858.2	4.42	37.93	3074.8	137.27
Lou of Falcon's Flight 28117	A	112	Apr	979.3	4.49	43.97	3994.4	182.04
Mononette 33455	A	248	Apr	1288.3	5.04	61.93	11818.3	597.81
CLARK & JACKSON, GRASSMERE STOCK FARM, GRAND RAPIDS, WIS.								
Dorothy W. 22626	A	72	Mar	955.2	5.04	48.14		
		102	Apr	925.3	4.90	45.34	3159.2	156.09
Glenwood's Miss Lilly 53147	A	163	Feb	625.9	5.09	31.86		
		194	Mar	694.3	5.00	32.47		
		224	Apr	643.7	4.93	31.73	5427.6	228.59
Mabel Cronje 23529	A	213	Mar	873.1	6.12	53.43		
		243	Apr	843.3	5.27	43.97	7558.1	401.16
Matinee Girl of Grassmere 77523	G	233	Mar	688.9	5.55	38.23		
		263	Apr	666.6	4.88	32.53	5941.8	299.50
Royaldale Gloria 34441	A	360	Mar	339.4	6.00	20.36		
		365	Apr	22.9	6.00	1.37	10351.5	542.34
CLELAND, PAUL, CLELAND FARMS, CHAGRIN FALLS, OHIO.								
Dairy Maid of Keewaydin 38171	A	290	Apr	639.0	5.19	33.16	8045.6	430.27
Imp. Rose of the Russel 61292	B	365	Apr	284.0	4.85	13.77	9695.4	472.97
Souvenir's Rhea of Keewaydin 61891	D	365	Apr	374.6	6.06	22.70	8058.5	434.03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Procris 20956, a son of King Francis 13500 and Glen Masher's Procris 27286 that has two records,—503.86 pounds in class F and 658.81 pounds in class A. She is also the dam of Ma Chere Procris 55855 so well known to all Guernsey men. Merry May King 50285 has beautiful lines, tremendous depth and length.

Among the foundation cows in the herd are Imp. Alicia of St. Croix 54119 with two official records. Her class BB record of 577.96 pounds of fat entitled her to 4th place in the class when it was made. She has a very promising daughter in the herd that is to go on official test this summer. They have in the herd a very nice daughter of Gold Lassie' Julian 27044 with a record of 558 pounds in class F. She in turn has a daughter in the herd by Beda's May King 11893. This is the combination of blood which Island Farm is getting such splendid results from. Another of the foundation cows also has a daughter in the herd by Beda's May King 11893. This cow, Julian's Island Maid 60947, has records in G and E and is a daughter of Julian of Koshkonong Place 14409.

The Hagemans are fortunate in owning a daughter of that great sire of Show Winners, Imp. Princess's Jewel 24877 and also her daughter by Gold Lassie's Julian 27044. Squire's Lucretia Maid 62164, a daughter of Imp. Valentine's Squire 28093 has given them two daughters while in the herd one of them sired by May Rose King 2d 13130. One of the other cows in which the owners place much faith is Emerita's Maid of Woodend 47986 now on test and making nearly two pounds daily. She is a daughter of Emerita 2d's Son 16157, which was used with such success in the Woodend herd. She has a daughter in the herd also which is unusually promising.

There are several other cows in the herd which might be mentioned but these are sufficient to show the excellent prospect of building up a high producing herd. The development in a herd of this sort is particularly interesting because the Hagemans are real farmers. Labor troubles do not bother this family for the three sons carry on the entire variety of farm activities without the necessity of hiring outside labor. They are rapidly winning for their herd an important place among the best Minnesota herds.

June, a Month of Guernsey Breeders' Picnics in Minnesota

The state of Minnesota has fourteen County Guernsey Breeders' As-

CLUETT, G. A., GREEN MEADOW FARM, WILLIAMSTOWN, MASS.

Green Meadow Viola 70465	D	22 Apr	861.7	4.08	35.16		
s. Pencoyd's Golden Secret 16550 A. R.							
d. Imp. Viola of the Isle 35247 A. R. 5801							
Dolly of Green Meadow 61228	C	140 Mar	880.2	5.87	51.67		
		170 Apr	720.3	5.78	41.63	5817.8	303.34
Golden Busy Bee of Green Meadow 82507	F	72 Apr	806.2	4.61	37.17	2100.4	96.71
Green Meadow Doris 81231	F	144 Apr	796.0	4.74	37.73	4925.5	225.99
Green Meadow Nelita 72078	D	30 Apr	1155.5	4.36	50.38		
s. Pencoyd's Golden Secret 16550 A. R.							
d. Imp. Raymond's Nelita 36399 A. R. 5804							
May Red Rose 54835	A	274 Apr	739.7	5.81	42.98	7722.6	456.94
Imp. Viola of the Isle 35247	A	335 Apr	1033.1	4.90	50.62	15441.9	664.02

COLOGNA, PETER & SONS, "FAIRVIEW," MARSHFIELD, MO.

Allie's Delight 96048	F	286 Apr	592.0	5.07	30.01	5554.0	252.74
Allie of Fairview 71610	A	232 Apr	549.0	5.54	30.41	4517.1	231.36
Fairview's Priscilla 84713	C	257 Apr	446.2	5.37	23.96	4195.1	214.98
Fern Lily of Fairview 42392	A	303 Apr	665.4	5.40	35.93	7916.3	384.22
Laura of Fairview 97076	F	256 Apr	457.2	5.10	23.32	4172.9	198.46
Lindy of Fairview 70156	A	205 Apr	492.9	5.42	26.72	4110.3	211.00
Lucy of Fairview 84712	D	305 Apr	366.2	6.45	23.62	5334.0	270.41
Mary Ann of Fairview 78213	B	180 Mar	676.3	6.00	40.58		
		210 Apr	688.0	6.50	44.72	4928.8	289.13
Ray of Fairview 86322	E	274 Apr	499.0	5.72	28.54	5022.2	249.21

CONNELL, C. J. & W. A., SUNNY SLOPE FARM, COLGATE, WIS.

Lady Twinkle 38452	A	20 Apr	549.8	4.58	25.18		
Lassie of Shady Gulch 69054	D	11 Mar	328.7	3.84	12.62		
		41 Apr	943.2	3.84	36.22	1271.9	48.84
Maria's Beauty 2d 78779	G	122 Mar	612.2	4.20	25.71		
		152 Apr	562.8	3.55	19.98	3430.6	140.81
Missy of Shady Gulch 56698	A	120 Mar	794.9	4.57	36.33		
		150 Apr	747.5	4.22	31.54	4379.8	187.72
Polly of Shady Gulch 2d 81909	G	152 Mar	492.7	4.89	24.09		
		182 Apr	478.5	4.78	22.87	3149.7	146.62
Sequel's Rosa of Paradise 46844	A	365 Mar	12.0	4.86	.58	8708.2	375.63
Yeksadew 27948	A	213 Mar	661.7	4.43	29.31		
		243 Apr	604.5	4.38	26.48	6577.5	286.66

COUNTISS, FREDERICK D., LAKE GENEVA, WIS.

Imp. Lady Jeannette II. of Rose Farm 95268	E	30 Apr	821.2	5.17	42.46		
Imp. Jeannette II. of Melrose 93717	G	30 Apr	748.0	3.82	28.57		

COX, LOUIS S., RANDOT FARM, METHUEN, MASS.

Randot Helen 78991	F	70 Mar	1000.8	3.99	39.93	2322.6	102.58

CRAWFORD, DAVID N., SOUTH WEYMOUTH, MASS.

Bopeep's Jane 75582	G	365 Apr	107.0	9.99	10.69	5197.3	321.21

CRAWFORD, W. N., SALEM, OREGON.

Chene's Quintine of Rose City 78883	F	56 Apr	341.5	6.03	20.59	662.4	37.15
s. Imp. Westmoreland Squire 21665 A. R.							
d. Imp. Quintine of the Vrangue 43671							
Middledale Virginia 75533	E	23 Apr	693.3	4.94	34.25		
s. Imp. Ivy's Masterpiece 26916							
d. Middledale Betty 48645							
Victoria's Daisy Granger 44738	A	56 Apr	1084.6	5.14	55.75	2033.9	98.18
s. Sterling Lad 17655 A. R.							
d. Lady Victoria Granger 34023							

DANE, E. B., "ROUGHWOOD," CHESTNUT HILL, MASS.

Dawn of Roughwood 48220	A	257 Mar	577.7	5.97	34.49		
		287 Apr	464.5	5.94	27.59	8287.1	452.46
Demoiselle of Roughwood 54858	A	164 Apr	954.1	5.85	55.81	6018.6	324.85
Dream of Roughwood 58073	B	138 Apr	940.8	5.19	48.83	5049.2	239.92
Winsome of Longwood 75719	G	365 Mar	160.1	4.13	6.61	8104.4	431.78

DAVIS, WESTMORELAND, MORVEN PARK FARM, LEESBURG, VA.

Lenfestey's Belle 59013	A	329 Apr	403.8	7.63	30.81	8248.1	480.95
Morven's Dorothy 78758	A	61 Apr	1182.9	3.66	43.29	2358.3	84.55
Morven's France's Victoria 39751	A	61 Apr	1126.5	3.94	44.38	2313.6	87.00
Morven's Justinee 79884	B	76 Apr	1279.4	4.17	53.35	3187.8	123.16
Morven's Lenfestey's Maid 51324	A	243 Apr	698.3	5.62	39.24	7364.5	357.61
Morven's Myrtlemae 69947	A	329 Apr	244.2	5.44	13.28	8425.4	388.10
Morven's Primrose 78757	A	152 Apr	1102.5	4.09	45.09	6074.9	234.92
Rutila's Blue Maid 82406	D	299 Apr	571.9	5.58	31.91	7757.8	370.09
Rutila Jewel 82405	D	328 Apr	1252.6	4.19	52.48	9326.5	390.71

DONNELLEY, R. H., FOLLY FARM, LIBERTYVILLE, ILL.

Doris of Sarnia 49019	A	6	Apr	193.0	5.76	11.12		
s. Khight Errant 12328 A. R.								
d. Primrosedale 6th 35365 A. R. 2870								
Folly Princess 59287	B	121	Apr	951.4	4.32	41.10	4113 4	182.83
Folly Laura 76254	G	215	Apr	902.6	5.55	50.09	6415.4	349.57
Imp. Lady of Tamworth 33123	A	365	Apr	510.4	4.57	23.33	12355.8	519.04
Mavourneen of Pencoyd 69700	D	13	Mar	478.4	4.96	23.73		
		43	Apr	1232.7	4.96	61.14	1711.1	84.87

DOUGAN, W. J., THE DOUGAN GUERNSEY FARM, BELOIT, WIS.

Bonnie Lassie of Linwood 64452	C	152	Apr	913.7	5.82	53.18	5104.9	260.32
Lizette's Beauty 38496	A	150	Apr	1032.5	6.75	69.69	5795.7	324.98
Imp. Marie of Sarnia 35613	A	56	Apr	1317.6	5.19	68.38	2340.9	114.43
Roselle of Fox Valley 61739	B	105	Apr	1033.0	6.14	63.43	3948.7	214.38

DOUGLAS COUNTY WORK FARM, SOUTH RANGE, WIS.

Belle of O'Klare 58718	A	166	Apr	766.3	4.39	33.64	4560.8	197.69
Effaline's June 75530	F	106	Apr	740.3	6.20	45.90	2780.1	155.52
Georgina's Dorothy 68387	D	77	Mar	1105.2	4.59	50.73		
		107	Apr	1081.7	4.73	51.16	3830.8	177.60
Georgina of Eau Claire 56231	A	136	Mar	974.0	4.18	40.71		
		166	Apr	815.5	4.14	33.76	5572.1	222.77

ELLIOTT-BRANT RANCHO, OWENSMOUTH, CALIF. 1 day test.

Alice of the Rancho 76623	B	224	Apr	1236.4	4.08	50.45	10029.6	425.16
Cherry's Lady May of Corona 69323	E	159	Apr	813.6	5.37	43.69	5150.2	253.30
Edith of Maple Ave. 72127	E	149	Apr	1219.0	4.94	48.03	6457.5	256.39
Gabriel's Rose 56194	A	179	Apr	973.4	5.18	50.42	5961.6	309.47
Golden Glen Pansy 68422	E	152	Apr	963.7	4.42	42.60	4945.2	230.45
Jenny of Green Lodge 73174	F	182	Apr	644.6	6.03	38.87	4290.3	227.80
Little Beauty 2d 45221	A	305	Apr	929.5	5.21	48.43	10487.4	539.60
Rose of the Rancho 100798	F	149	Apr	1193.3	5.23	62.72	6299.8	302.51
Ruth of the Rancho 101858	C	149	Apr	702.7	5.37	37.73	5420.9	242.47

EMMONS, LOUIS C., RIVERVIEW FARM, SWARTHMORE, PA.

Florham Primula 57027	A	155	Mar	539.2	5.27	28.42		
		185	Apr	568.8	5.26	29.92	3909.7	206.99
Freda B. 54544	A	174	Mar	674.5	5.61	37.84	5010.5	275.19
Freida of Locust Grove 55341	B	309	Mar	649.4	5.73	37.21		
		339	Apr	505.2	5.33	26.93	7999.8	397.16
Kesiah 38160	A	149	Mar	807.9	5.42	43.79		
		179	Apr	788.5	4.97	39.19	5184.4	263.92
Madeline B. 60262	B	60	Mar	1090.2	5.16	56.25		
		90	Apr	908.5	4.82	43.79	2935.7	149.05
Midget B. 74646	F	197	Mar	671.0	5.41	36.30		
		227	Apr	688.2	5.22	35.92	5765.4	290.88
Marlowe B. 74647	F	175	Feb	649.4	5.72	37.15		
		206	Mar	617.7	5.78	35.70		
		236	Apr	605.5	5.66	34.27	5321.5	288.36
Musette's Jane 32900	A	135	Mar	707.3	5.34	37.77		
		165	Apr	660.9	5.08	33.57	4344.0	231.28
Imp. Primrose's Elegante of Mara Alva 77234	F	179	Mar	661.3	5.47	36.17		
		209	Apr	565.7	5.26	29.76	5157.7	270.96

ERVIN, J. M., "ERNVINE," DARLINGTON, S. C.

Lena of Bradhurst 56138	A	50	Feb	1057.7	5.42	57.33		
		81	Mar	1105.8	5.18	57.28		
		111	Apr	1079.5	5.13	55.38	3915.6	205.50

FRAZIER, FRANK P., UPLAND FARMS, IPSWICH, MASS.

Falstaff's Wyoming of Upland Farms 68406	B	193	Apr	1203.4	4.97	59.81	8594.2	394.26
Glen Gable Amelia 76095	G	139	Apr	852.0	5.52	47.03	4469.8	228.60
Glenwood's Lotota Lenfestey 32376	A	52	Apr	1509.4	4.76	71.85	2560.7	122.21
Imp. Governs Lily 47516	A	324	Apr	772.3	4.98	38.46	10656.3	505.48
Lotota's Daisy of Uplands 59356	C	294	Apr	569.8	6.84	38.97	8138.3	500.98
Lotota of Upland Farms 52907	A	345	Apr	970.1	5.67	55.00	12056.0	638.15
Upland's Bijou Lass 70875	F	243	Apr	734.8	6.42	47.17	6676.6	387.70
Upland's Faith 68567	D	162	Apr	792.3	5.41	42.86	5601.5	273.53
Upland's Marion 68164	D	3	Mar	115.0	4.57	5.26		
s. Florham Monarch 20771 A. R.		33	Apr	1402.5	4.57	64.09	1517.5	69.35
d. Mary Stoddard of Fairfield Farm 20995 A. R. 4358								

FRISSELL, E. R., FRISSDALE FARM, HOPKINS, MINN.

Cherry's Trixey of City View 63408	B	30	Apr	1377.0	4.12	56.73		
s. Bell Buoy of Linda Vista 19530 A. R.								
d. Imp. Alderney Cherry of City View 59643 A. R. 5780								
Elsie of Woodend 2d 41272	A	30	Apr	1381.1	4.06	56.07		
s. Rochina's Speculation 13819 A. R.								
d. Elsie of Woodenc 19855 A. R. 1059								
Louisa of Oakdale 46128	A	139	Apr	955.9	4.77	45.60	4831.6	222.22

From the Guernsey World

sociations besides a real live state association. Each year in the month of June these associations have their annual midsummer field days. Beginning on the 8th, this year, the cycle of picnics began with that of the Red River Valley Association at Thief River Falls, away up near the north western corner of the state. This was followed on the 9th by Washington County at the farm of L. E. Hageman & Sons near Hastings.

On the 10th the Winona County breeders and Holstein breeders got together for a real field day with a ball game, cold pop,—and everything —at Fremont. On the 11th, the Chisago people gathered at North Branch at the Horton's farm. These last three counties are in the South Eastern part of the state, bordering on the Wisconsin line.

On the 12th the Guernsey breeders in Itaska County got together on the shores of Deer lake and spent not only the day, but in several instances Saturday night as well, there. This County reminds one of the Pacific North West. For twenty years Guernseys have been known in these cut over lands and today there is no doubt in the minds of these pioneer farmers that the Guernsey is best adapted to the needs of that country.

On the 14th Ottertail County had its enthusiastic meeting not far from the beautiful lake which gave the County its name. On the 15th and 16th the state dinner and sale were held at the Twin Cities and on the 18th the Freeborn County Guernsey men met with the Holstein breeders for a joint picnic after their usual custom.

On the 19th Stearns County Association spent a delightful day at the farm of C. L. & L. M. Arnold in the Eden Valley. On the 22nd the Blue Earth County Association got together near Mankato to be reminded, as usual, by Dr. Wood, that there Yeksa Sunbeam, the first cow in the world to produce a thousand pounds of butter in a year, was bred. On the 26th the northern Minnesota Association met near Duluth.

The outstanding feature of the month was, of course, the first Minnesota State Consignment Sale. The forty-two head sold in the pavilion at the state fair grounds at St. Paul averaged $621, a state average exceeded only once and that by New York in

1919. L. V. Wilson secretary of the State Guernsey Breeders' Association deserves the lion's share of the credit for making this such a high class sale and so satisfactory from all standpoints. Upon his supporting committee, E. R. Frissell of Frissdale farm, Hopkins, spent much time and effort in helping to select the stock and with the sale arrangemnets. On the evening before the sale the Guernsey breeders met for dinner at the Minneapolis Athletic Club. About 35 breeders were present. George P. Grout, president of the State Association, acted as toast master. Among those called upon were Theo. Hollister of Duluth; E. R. Frissell of Hopkins; Joseph Oleson of Dassel; Assistant Secretary F. B. Hills of THE AMERICAN GUERNSEY CATTLE CLUB; Professor W. A. McKerrow, L. V Wilson, Secretary of the State Association; C. A. McGuire, one of the auctioneers; and E. E. LePelley, Manager of Woodend Farm. Mr. LePelley gave an intensely interesting discussion of the conditions which he found on the Island of Guernsey, during his visit there last winter. He also gave a comprehensive outline of the development of the breed on the Island during the past generation. Mr. LePelley is a native of the Island, and Guernsey breeders are familiar with the Island breeding establishment of his father, Echelle, St. Andrews. Mr. Frissell paid a glowing tribute to the work of L. V. Wilson as secretary of the association and discussed the necessity for the state association to become increasingly active and become strong enough to support a paid state secretary or field man in the near future, who would devote himself entirely to the work of the association. Mr Wilson explained the difficulties which the sales committee had to overcome in making the sale a success and pointed the way along which the state association should direct its development. The other speakers discussed a variety of pertinent topics in a concise and forceful manner so that the after dinner speaking held the interest and enthusiasm of those present until the end of the program.

A large amount of rain during May made the month of June this year a particularly busy one for Minnesota farmers inasmuch as the alfalfa and clover cutting came along simultaneously with the necessity for cultivating corn. Nevertheless, the attendance was extraordinarily good at all of the picnics, varying from 50 to 300 at the various meetings. At each of the meetings there was present a

Imp. Primrose II. of Bickleigh 59632	A	184	Apr	813.2	4.23	34.40	6544.7	274.08
Queen Morn ng Star 99374	G	157	Apr	740.8	5.05	37.41	4290.7	202.21
Rae Mar 76198	G	23	Feb	764.2	3.85	29.42		
s. Rex Mar 19668		54	Mar	1010.5	4.45	44.97		
d. Beauty Raymond of Corndale 57505		84	Apr	949.5	4.31	40.92	2724.2	115.31
Stranford s Butter Maid of Chippewa 71257	E	104	Apr	685.2	5.30	36.32	2520.7	124.71
Stranford s Valley Lily of Chippewa 74895	E	11	Mar	319.5	4.65	14.86		
		41	Apr	1111.0	4.65	51.66	1430.5	66.52
Susie of Skillet Creek 64097	C	151	Feb	736.4	5.61	41.31		
		182	Mar	779.5	5.95	46.38		
		212	Apr	851.5	6.44	54.84	6092.4	344.64
FOOTE BROS., FOOTE FARM, RUSH LAKE, WIS. 1 day test.								
Karl's Rose of Spring Brook 64685	D	179	Apr	657.0	5.64	37.05	5081.8	251.91
Imp. Rose II. of Fair Mount 44323	A	147	Apr	1026.1	4.93	50.59	5044.9	249.36
Rosena of Spring Brook 69570	D	182	Apr	591.1	5.10	30.15	4878.6	233.52
FOX, J. M., MANSION FARMS, FOXBURG, PA.								
Count's Red Rose 86199	G	98	Mar	1501.2	4.68	70.26	4668.3	211.25
Imp. Roehampton May Rose Girl 55480	A	60	Mar	1784.5	3.82	68.17	3296.6	120.94
Toodles of the Oaks 58843	B	60	Mar	1249.2	4.75	59.34	2432.2	114.23
FRUIT BROS., MAPLE HILL GUERNSEY FARM, WAUKESHA, WIS.								
Alice's Rose of Maple Hill 76843	G	284	Mar	729.6	5.37	39.18		
		314	Apr	713.3	5.36	38.23	8721.2	416.93
Broad Ripple's Springtime 77356	G	275	Mar	519.9	7.40	38.47		
		305	Apr	484.1	6.80	32.92	6502.8	395.98
Dawn of Maple Hill 56782	A	147	Mar	1225.0	4.80	58.80		
		177	Apr	1144.5	4.61	52.76	7295.0	333.39
Dawn's Rose of Maple Hill 69772	D	59	Mar	1121.8	5.34	59.90		
		89	Apr	946.6	5.96	56.42	3143.2	174.04
Henrietta of Broad Ripple 63989	E	335	Mar	727.6	4.97	36.16		
		365	Apr	741.2	4.90	36.32	11098.3	521.00
Lamont of Maple Hill 69774	F	305	Mar	782.4	5.90	46.16		
		335	Apr	756.1	5.90	44.61	9143.0	527.11
Lassie's Queen of Maple Hill 80569	G	69	Mar	948.6	5.65	53.60		
		99	Apr	828.1	5.37	44.47	2964.1	157.92
Mapelene of Maple Hill 71464	F	317	Mar	530.7	6.67	35.40		
		347	Apr	465.0	5.87	27.30	7901.8	423.49
Mary Buzz of Auburn 73833	C	97	Mar	1197.3	5.03	60.22		
		127	Apr	1137.0	4.71	53.55	5068.8	248.43
May King's Miss Maud 77890	F	30	Mar	714.5	5.41	38.65		
		60	Apr	756.9	5.20	39.36	1471.4	78.01
s. May King of Maple Hill Farm Farm 35598								
d. Fernwood's Dolly 77889								
Sweet Alice of Maple Hill 40577	A	281	Mar	1011.3	4.93	49.86		
		311	Apr	933.6	4.75	44.35	11831.3	558.98
Sweet Alice's Rival of Maple Heights 67241	D	236	Mar	857.8	5.57	47.78		
		266	Apr	839.7	5.01	42.07	8030.0	408.27
GILE, ALBION L., "CHICONA," CHINOOK, WASH.								
Beauty of Chicona 65537	E	365	Apr	617.8	6.33	39.11	8980.0	508.94
Imp. Dairymaid of Melrose 44269	A	365	Apr	48.3	5.73	2.77	9353.8	425.16
Hermosa of Chicona 60832	A	90	Apr	1235.4	4.85	59.92	3773.1	191.71
Jacienta of Chicona 66588	E	365	Apr	453.4	6.00	27.20	7452.6	393.53
Lily of Chicona 65538	C	2	Mar	90.5	3.45	3.12		
		32	Apr	1491.0	3.45	51.44	1581.5	54.56
s. King of Medfield 15434 A. R.								
d. La Verne's Dewdrop 37823 A. R. 4075								
Tess of Chicona 78433	F	61	Apr	772.6	4.54	35.08	1551.6	64.92
Varina of Chicona 72219	F	365	Apr	243.9	3.79	9.24	7831.7	321.81
Vidette of Chicona 78429	F	77	Apr	1036.3	4.41	45.70	2579.8	108.29
GILLETTE, A. A., LOCUST GROVE FARM, LIMA, N. Y.								
Lady Wonder of the Grove 66927	C	365	Apr	31.9	6.23	1.99		
				705.9	6.72	47.44	8817.5	446.48
Merribelle of the Grove 66925	A	196	Mar	492.1	6.28	30.90		
		226	Apr	467.8	6.17	28.86	4780.3	265.8[illegible]
Polly's Darling of Locust Grove 66929	C	162	Mar	575.6	4.98	28.66		
		192	Apr	521.8	5.10	26.61	4154.6	213.30
Polly's Princess of Locust Grove 59970	A	160	Mar	614.6	6.54	40.19		
		190	Apr	556.4	6.09	33.88	4330.4	254.68
Weownit of Locust Grove 66928	D	291	Feb	337.8	7.58	25.61		
		322	Mar	294.9	7.33	21.62	5799.3	330.6[illegible]
GOFF, MOULTON B., THE GUERN-WEAL FARM, STURGEON BAY, WIS.								
Imp. Dora of Sarnia 58756	A	213	Apr	749.4	4.38	32.82	5714.0	271.93
Mary of Guern Weal 79308	G	182	Apr	738.2	4.49	33.15	4835.4	222.99

GOULD, WILLIAM H., GRAPE LAWN, BURKEVILLE, VA.

Charlotte M. of Curles Neck 73157	F	182	Apr	788.3	5.84	46.04	4936.9	263.26
Christine of Curles Neck 62818	B	9	Mar	390.3	3.99	15.57		
s. Mota's Golden Secret 19784		39	Apr	1217.5	3.99	48.58	1607.8	64.15
d. Lady Princess of the Diamond 46483								
Golden Belle of Curles Neck Farm 62133	C	83	Apr	1368.4	4.72	64.59	3728.9	172.49
Josephine of Curles Neck 66951	E	197	Apr	531.6	5.45	28.97	5265.4	264.59
Margaret Iris 62819	C	88	Apr	1178.0	4.45	52.42	3571.5	165.40

GRAHAM, GEORGE W., LAKE VIEW FARM, ROBERTS, WIS. 1 day test.

Belle Corbin of Lake View 70559	F	152	Mar	885.4	5.31	47.01		
		182	Apr	824.4	5.14	42.37	5315.3	263.77
Edna of Sarnia 53032	A	50	Apr	1139.0	5.40	61.51	1893.8	111.25

GRAHAM, R. M., ROBERTS, WIS. 1 day test.

Mona Corbin of Lake View 72223	F	182	Apr	788.6	4.57	36.04	4963.1	237.69
Silver Bells of Cedarwood 82534	G	15	Apr	376.7	4.08	15.37		

GRAHAM, W. R., & ROBERT H., LAKE VIEW FARM, ROBERTS, WIS. 1 day test.

Janette of Graham's Dale 79410	F	52	Apr	1331.0	4.01	53.37	2111.2	107.52
Esther of Graham's Dale 68894	E	147	Apr	780.3	6.14	47.91	4548.1	248.68
Luella of Graham's Dale 79411	F	30	Apr	794.8	5.80	46.10		

GRATWICK, W. H., "THE HIGHLANDS," LINWOOD, N. Y.

Hero's Anchora 75820	F	365	Mar	185.1	4.96	9.18	8493.2	394.80
Mixter Honora Dean 87584	G	33	Apr	942.1	4.05	38.16	1012.1	41.25
Mixter Primrose 73192	D	180	Apr	807.2	5.14	41.49	5441.2	273.37
Polly's Primrose 75585	G	122	Mar	1021.2	4.55	46.46		
		152	Apr	923.8	4.55	42.02	5148.8	250.67
Pretoria El Moore 46300	A	22	Apr	881.0	4.22	37.18		
Reservation Briar Rose 72595	G	365	Mar	40.4	5.51	2.23	8596.6	459.63
Yeoman's Mixter Vale 79728	G	176	Apr	949.8	4.57	43.41	6063.0	267.89

GRAYBILL, A. S., LOCUST LAWN FARM, BIRD-IN-HAND, PA.

Locust Lawn's Erma 68467	E	316	Mar	791.8	5.33	42.20		
		346	Apr	755.8	5.04	38.09	9660.9	478.47
Locust Lawn's May Glenwood 95041	G	272	Apr	477.1	4.95	23.62	4548.6	223.59
Norma of Rural Glade 40522	A	118	Apr	865.9	4.46	38.62	3585.5	164.96

GRINNELL, LAWRENCE, BIRCHFIELD FARM, SOUTH DARTMOUTH, MASS.

Birchfield Monica 78503	G	182	Apr	888.2	5.13	45.56	5782.9	271.82
Imp. Rosy IV. of the Camp Jonet 40087	A	30	Apr	1453.3	3.85	55.95		
s. Duke of Mouilpied R. G. A. S. 2045 P. S., A. R.								
d. Rosy I. of the Camp Joinet R. G. A. S. 6202 P. S.								

GUSE, CHARLES E., AUGUSTA, WIS. 1 day test.

Blenda's Cora 75923	G	335	Apr	602.8	4.98	30.02	6435.4	316.72

HAARTZ, J. C., ALBAMONT FARM, CAMPTON, N. H.

Albamont Louise 76332	F	238	Apr	629.8	4.76	29.98	6059.8	278.63
Albamont Sally 77628	G	274	Apr	710.0	4.93	35.00	7297.3	333.79
Claremont Irene of Big Spring Farm 69958	A	299	Apr	977.6	5.33	52.11	10989.2	552.00
France's Bellinda of Big Spring Farm 69963	A	132	Apr	1204.7	4.60	55.42	6018.7	276.85
Goldseeker's Midday of A. D. F. 77545	F	14	Apr	393.6	4.12	16.22		
Langwater Melody 40708	A	175	Apr	674.4	5.21	35.14	4208.6	227.29
May King's Clara of A. D. F. 77549	F	90	Apr	923.9	4.71	43.52	2946.0	131.72
May King's Dancer of A. D. F. 69742	E	27	Apr	1137.7	4.30	48.92		
Polly of Gerar 53663	A	196	Apr	777.8	4.61	35.86	6180.6	297.90
Yeoman's Mixter Sapphire 65866	C	213	Apr	915.3	5.66	51.81	7930.4	399.46

HAGEMAN, L. E. & SONS, FLORIDALE FARMS, HASTINGS, MINN.

Adell of Burnham Beach 72792	F	236	Apr	658.2	4.87	32.05	5444.1	254.20
Emerita's Maid of Woodend 47986	A	66	Apr	1183.0	4.87	57.61	2595.0	120.73
St. Croix's Anne 56749	A	133	Apr	840.8	4.68	39.35	4106.5	188.93
Squire's Lucretia Maid 62164	C	213	Apr	825.4	5.90	48.70	6494.1	337.18

HAINES, WILLIAM J., CHERRY HILL FARM, CHESTNUT HILL, PA.

Evelyn of Pencoyd 78166	G	45	Apr	844.6	4.55	38.43	1254.8	54.14
Imp. Godetta's Pride 76202	G	247	Apr	406.2	4.77	19.38	4213.6	195.54
Imp. Groignet Rose II. 68661	A	274	Apr	648.4	5.44	35.27	6425.5	345.33
Rosemont's Rosette 76201	G	198	Apr	630.8	4.81	30.34	4534.5	210.72

HALBERT, J. H., EAU CLAIRE, WIS. 1 day test.

Daisy Queen of Halberdale 64681	C	27	Apr	1069.9	4.43	47.40		
s. High Degree 23529								
d. Imp. Bettina of Sarnia 46573								
Marion of Elm Road 45041	A	128	Apr	929.4	5.65	52.51	4393.8	224.45

From the Guernsey World

representative from the University,—Professors W. A. McKerrow, C. H. Eckles, A. J. McGuire, or L. V. Wilson being in attendance. F. B. Hills of THE AMERICAN GUERNSEY CATTLE CLUB was also present at most of them.

Enthusiasm in the new sections and the new associations has been particularly noteworthy and all of these associations have active programs of performance. This is particularly true in the northern part of the state and in some of the central counties. Another very noticeable thing is the improvement in the herds during the last five years,—yes, even three years. A great many herds started a very few years ago have been brought to a high standard of excellence and the Advanced Register work being done by some of the younger breeders is particularly worthy of note.

One of the great needs in the state is for more Advanced Register work. This is particularly true in the older Guernsey sections.

The prospects for having a paid state secretary or field man for the association are particularly good and it would not be surprising if the state association should take upon itself this increased activity during the coming year.

There is not a better State in the Union for dairying nor is there one in which the growth of dairying is so rapid now. It stands in sixth place now among the states in regard to the numbers of pure bred Guernseys, and is rapidly gaining on the state in fifth place. So along with the growth in dairy activity, Guernsey interests are also forging ahead.

Missouri

Almost Hundred Per Cent. Gain

Doubling the number of Guernseys in a given county in a year's time is good work, and yet that is what has been accomplished in the Cape Girardeau district of Missouri during the past twelve months.

This fact was brought out at the annual meeting of the Egypt Mills Guernsey Club, which was held June 12. The records were submitted by Sam M. Carter, a Cape Girardeau banker and firm believer in the merits of the Guernsey.

A year ago, according to Mr. Carter's report, the Egypt Mills Guernsey Club started in with forty-two cows and a herd bull. During the year three cows died and some calves were lost. This left thirty-nine cows. The report showed seventeen heifer calves and seventeen bull calves, making a total of seventy-four pure bred Guernseys owned by the organization. All the members of the Club declared that they were pleased with their year's experience with Guernsey cattle.

Of the forty-two original cows, nineteen were imported from the Island of Guernsey while the others together with the herd bull, Eminent of Sarnia 32963, were bought in Wisconsin. That they made a splendid selection of a herd bull is shown by the fact that three of his daughters have become Class Leaders. These are:

Aggie of Fond du Lac 70153 with 11146.5 pounds of milk and 616.08 pounds of butter fat in class G, sold at the National sale for $1575; while her son, Ben of Fond du Lac 55202, sold at the Fond du Lac sale for $1100.

Elaine of Fond du Lac 71090 with 10957.5 pounds of milk and 502.97 pounds of butter fat in class FF.

Emma of Fond du Lac 70154 with 12045.7 pounds of milk and 553.07 pounds of butter fat in class GG. This heifer is now on retest and is bred for class EE. During the first month of her retest she made fifty-seven pounds of butter fat; in the second fifty-two pounds, and the third sixty-one pounds.

In addition to the seventy-four animals owned by the Egypt Mills Guernsey Club there are seventy-five pure bred Guernseys owned in the Cape Girardeau district, forty-four having been imported from the Island of Guernsey.

The Guernsey breeders are planning an exhibit at the Cape County fair this year that will set a new standard for dairy cattle exhibits in Missouri. They are also arranging for a sale of their surplus pure bred bull calves.

The new directors of the Egypt Mills Guernsey Club are Frank E. McDonald, W. R. Schwettmann, W. F. Koerber, I. Ben Miller, and Sam M. Carter. —E. M. JENISON
Cape Girardeau County

Has Made Money With Guernseys

As I have sold our small farm and had no other place in view, I had to dispose of my Guernsey herd. I only

HALL, WILLIS & SON, RIVERSIDE GUERNSEY FARM, BLISSFIELD, MICH. 1 day test.

Artie of Elmhurst 28130	A	90	Apr	1180.0	4.43	52.27	3670.7	172.63
Glenwood's Lady of Riverside 87121	G	118	Apr	577.2	5.70	32.90	2349.1	111.80
Glenwood Queen of Riverside 80185	G	271	Apr	202.1	5.87	11.86	3355.6	186.18
Gussie's Glenwood of Riverside 80187	G	59	Apr	748.9	3.81	28.53	1506.7	66.19
Queen's Glenwood of Riverside 79886	G	270	Apr	426.9	5.16	22.03	4453.1	219.94

HANG, JOHN V., CANTON, OHIO.

Bridget's Rhoda of Meadowbrook Farm 85477	G	69	Apr	947.0	4.38	41.48	2110.6	87.68
Caromel's Juanita 53414	A	135	Apr	1007.0	5.41	54.48	4273.9	227.99
Festa's Lady's May Belle 81917	G	22	Feb	684.0	3.92	26.81		
s. Festa's May Masher 28997		53	Mar	932.0	4.21	39.24		
d. Lady Rose of Guernsey Home Farm 57743		83	Apr	807.8	4.74	38.29	2423.8	104.34
Lady Rose of Guernsey Home Farm 57743	A	135	Apr	822.5	5.51	45.32	4120.2	217.45

HARRINGTON, MRS. F. B., INDIAN RIDGE FARM, IPSWICH, MASS.

Viola of Indian Ridge 41584	A	346	Apr	1078.0	5.91	63.71	7946.2	496.20
Violin 57780	C	322	Apr	514.1	7.42	38.15	6686.5	432.07

HARSHMAN, CHARLES, ELK MOUND, WIS.

Fraulein Rottenneier 58492	A	102	Mar	1023.0	4.91	50.23		
		132	Apr	879.9	4.77	41.97	4524.5	221.76
Ivadelle 80610	G	5	Feb	134.7	4.63	6.24		
		36	Mar	923.8	4.63	42.77		
		66	Apr	815.3	5.15	41.99	1873.8	91.00
Nelson's Queen's Goldie 80609	G	139	Mar	631.1	4.80	30.29		
		169	Apr	591.9	5.00	29.60	3983.7	197.71
Queen's March Beauty 58493	B	78	Mar	1279.5	4.35	55.66		
		108	Apr	1105.5	4.48	49.53	4491.6	201.97

HAYDEN, C. A., MONONGAHELA, PA. 1 day test.

Fashion's Beauty 62755	B	23	Apr	650.3	4.37	28.42		
s. Unison of Chestnut Hill 15821								
d. Thanksgiving Fashion 24769								
Marshall's Molly of Maple View Farm 68031	D	10	Mar	396.3	4.54	17.99		
s. Reed's Marshall 17091		40	Apr	1381.8	4.54	62.73	1778.1	80.72
d. Maid of Mentor 27984								
Maud of Shady Lawn 29209	A	19	Mar	643.2	4.14	26.63		
s. Pilot Victorian 4865		49	Apr	1009.1	4.14	41.78	1652.3	68.41
d. Lady Miriam 5429								
Olive of Aldoro 21858	A	81	Apr	880.5	4.48	39.45	2494.2	104.57
Pearl of Valley Inn Farm 62930	A	119	Apr	979.7	5.21	51.04	4079.2	202.50
Thanksgiving Fashion 24769	A	25	Apr	670.7	3.43	23.01		
s. Prince of Aldoro 11377								
d. May Fashion 10473								

HERD, ANDERSON, T., HERDLEA FARM, NEW HOPE, PA.

Ada of Hurley-hurst 81733	G	64	Feb	1129.8	4.69	52.99		
		95	Mar	1110.4	4.40	48.86	3551.2	163.99
Chene's Easter 54655	A	203	Feb	805.2	5.76	46.38		
		234	Mar	811.2	5.44	44.13	6977.9	365.58
Chene's Jewel's May Rose 72817	G	234	Feb	526.4	6.53	34.37		
		265	Mar	551.6	6.70	36.96	5380.2	316.39
Golden Polly 46654	A	51	Dec	1237.0	4.84	59.87		
		82	Jan	1165.4	5.46	63.63		
		111	Feb	1053.1	5.39	56.76		
		142	Mar	1172.3	5.20	60.96	5374.0	275.25
Golden Polly 2d 72819	F	122	Dec	732.4	5.28	38.67		
		153	Jan	712.6	6.08	43.33		
		182	Feb	656.0	6.04	39.62	4497.1	245.08
Governor's Golden Paula 37027	A	174	Dec	816.1	5.38	43.91		
		205	Jan	864.8	5.61	48.52		
		234	Feb	786.9	5.71	44.93		
		265	Mar	942.4	5.51	51.93	8039.3	414.20
Jane of Beverly 5th 30770	A	260	Dec	780.7	4.80	37.47		
		291	Jan	741.0	5.00	37.05		
		320	Feb	650.6	5.77	37.54		
		351	Mar	590.1	5.54	32.69		
		365	Apr	239.5	5.54	13.27	10506.5	544.91

HILL, CHARLES L., "SARNIA," ROSENDALE, WIS. 1 day test.

Imp. Cherry Girl of Sarnia 52765	A	152	Apr	1176.1	5.74	67.51	6350.0	301.41
Imp. Christine of Sarnia 41870	A	152	Apr	920.7	5.03	46.31	5511.0	270.18
Garnet of Sarnia 69083	D	67	Apr	963.5	4.27	41.14	2273.2	95.72
Hermia of Sarnia 75409	G	318	Apr	593.2	6.58	39.03	7021.0	398.62
Holly of Sarnia 80356	G	182	Apr	582.2	6.07	35.34	3779.0	206.95

HILLS, E. E., HILLSWOLD FARM, SHREWSBURY, MASS.

Hillswold Blancha 75909	G	174	Apr	552.6	4.92	27.19	3470.9	169.52
Hillswold Dorfsie 61034	B	104	Apr	1256.5	4.56	57.30	4223.7	191.32
Hillswold Dorothy 65898	E	107	Apr	887.8	5.18	45.99	3379.8	168.71

Hillswold Gene 61033	B	120	Apr	1052.9	5.22	54.96	4381.4	225.28
Hillswold Gloria 73573	G	346	Apr	397.1	5.89	23.39	6865.8	349.44
Hillswold Isabel 62853	D	352	Apr	79.8	5.82	4.64	8959.0	457.74
Hillswold Patricia 75905	G	335	Apr	447.1	5.56	24.86	6451.1	309.62
Pansy of Bayside 49324	A	27	Apr	1247.8	4.96	61.89		
s. Florham Noble 14734 A. R.								
d. Violet of Bayside 25081 A. R. 2387								
HORTON, EDGAR L., AUGUSTA, WIS. 1 day test.								
Imp. Carriere Viron of Arroyo 47080	A	180	Apr	639.0	5.38	34.38	4490.4	221.66
HOUGHTON, CLEMENT S., STANNOX FARM, SHERBORN, MASS.								
Belle of Stannox 87891	G	282	Apr	409.1	5.34	21.85	4287.5	243.61
Bettina of Stannox 87892	G	196	Apr	729.1	5.26	38.35	4399.6	249.02
Clio of Stannox 90486	G	149	Apr	558.7	6.81	38.05	2737.4	154.46
Madeline of Waumesit 4th 39756	A	90	Apr	1375.6	4.08	56.12	4110.4	183.75
Martha of Stannox 77118	G	274	Apr	456.7	5.74	26.21	4527.5	276.46
HOWES, F. L., RIVERDALE FARM, GROTON, MASS.								
Blanco 40263	A	149	Apr	1441.9	4.71	67.91	7587.3	349.44
Countess Prue 43785	A	152	Apr	1685.3	5.83	98.25	8843.2	486.79
Elsie of Riverdale 95191	G	328	Apr	732.1	5.93	43.41	8801.1	486.39
Golden Lenore of Cauldalpin 63292	C	74	Apr	1108.9	4.73	52.45	2804.9	120.97
Itchen's Golden Daisy of Chilmark 61690	D	262	Apr	1177.3	5.04	59.34	10944.3	493.32
Stockbridge Pauline 32303	A	327	Apr	858.9	5.44	46.72	11554.1	565.15
HURLEY, W. W., WILLOW BROOK FARM, NORTH PEMBROKE, MASS.								
Bopeep's Queen 2d 74011	G	199	Apr	794.5	5.08	40.36	5565.5	274.08
Daisy III.'s Memento 79197	G	90	Apr	844.3	5.02	42.38	2596.3	130.78
Jedetta's Queen of Iowa 52106	A	58	Apr	1156.9	4.88	56.46	2342.6	121.91
Imp. Lisette VII. of the Bourg de Bas 61277	A	53	Apr	1249.3	4.79	59.84	2197.2	115.01
Imp. Rushington's Princess 5th 53977	A	90	Apr	921.0	4.93	45.41	2894.6	140.24
IDA, PAUL, EAU CLAIRE, WIS. 1 day test.								
Imp. Queen of the Blicqs X. 26940	A	11	Mar	375.6	3.55	13.69		
s. Taylor's Duke of York R. G. A. S. 1859 P. S.		41	Apr	1046.3	4.20	43.94	1431.9	57.63
d. Queen of the Blicqs VI. R. G. A. S. 6911 P. S.								
ILLINOIS, UNIVERSITY OF, URBANA, ILL.								
Illini Pell Mell 103395	G	92	Mar	720.8	4.05	29.19		
		122	Apr	673.2	4.72	31.78	3212.7	147.43
Sarah E. of Southside 35723	A	365	Apr	738.8	6.64	49.06	13069.3	672.64
INGALLS, G. R., EAU CLAIRE, WIS. 1 day test.								
Douglas's Dora of Ingalwood 79399	G	249	Apr	628.0	5.04	31.65	4933.7	239.97
Maid's Minerva of Ingalwood 83472	G	105	Apr	736.4	4.09	30.12	2948.3	131.57
INMAN, WILLIE LEE, LEESBURG, VA.								
France's Beth of Big Spring Farm 69962	B	336	Apr	267.2	6.35	16.97	8619.5	444.99
JACKSON, W. P., HOMESTEAD DAIRY FARMS, SALISBURY, MD.								
Imp. My Aranda of Mara Alva 77174	B	60	Apr	1282.3	4.24	54.37	2700.3	112.65
JOHNSON, MARGERY C., ROBINHOOD FARM, MUNCIE, IND.								
Celestian of Haddon 41347	A	30	Apr	775.7	4.13	32.04		
Glenwood's Elizabeth of Haddon 3d 75954	F	30	Apr	741.3	4.73	35.06		
Hambro's Sweet Girl of Crane Farm 71486	E	90	Apr	447.6	4.69	20.99	1393.5	68.44
Moria Rose of Crane Farm 93979	D	90	Apr	391.2	6.12	23.94	1206.9	80.14
Tristan's Glenwood of Sunny Valley 78654	C	30	Apr	733.4	5.09	37.33		
JOHNSON, V. C. & BROS., THE DINSMORE DAIRY, DINSMORE, FLA. 1 day test.								
Sunnybrook Arbutus 83539	G	15	Apr	445.8	3.45	15.38		
s. Barrington May King 19312 A.R.								
d. Alphea of Pinehurst 2d 29722 A. R. 3696								
KELLOGG, L. D., THE GROVE FARM, DEERFIELD, ILL.								
Auvaleen 59382	A	24	Apr	1140.6	3.59	40.95		
s. Sir Snowdoun 19252								
d. Auvaline 34469								
Ellis Moline of Walnut Ridge 2d 67119	C	29	Mar	1082.2	4.83	52.27		
s. Brutus of Grafton 25669		59	Apr	1074.8	4.11	44.17	2057.0	96.44
d. Ellis Moline of Walnut Ridge 67118								
Lady Rose of Maple Hill 73491	G	365	Mar	633.6	6.29	39.85	9377.0	504.77
Starlight of Bailey Falls 65163	A	31	Mar	1103.7	4.77	52.65		
s. Imp. Reformer of the Chene 22004 A. R.		61	Apr	1150.7	4.91	56.50	2254.4	109.15
d. Glenwood Starlight 27435 A. R. 1629								

From the Guernsey World

had a small start, but found that there is money in breeding pure bred Guernseys. I started with one yearling bull, one bred heifer, one open heifer, and one bred grade heifer for which I paid $473. I served the bull to 213 cows at $2.00 each, which equals $426. I sold enough butter to pay for feeding, and in two years sold the herd, excepting one seven months old bull calf which I still have on hand, for $1503, above all expenses. Hope to get started again very soon.

—R. J. Tojo
Crawford County

New York

Cayuga County Guernsey Breeders Meet

The summer meeting of the Cayuga County Guernsey Club was held June 19, at the farm of W. P. Parker in Moravia. The weather was ideal after a light rain of the day before, and a large number of the breeders of the county with their families gathered to enjoy the occasion. A large tent was provided by the host, in the shade on the lawn, with tables and chairs for the assembly to eat their dinners, and music was furnished by an orchestra.

After lunch the meeting was called to order by President Earl Crocker, and H. E. Babcock, former leader of the New York State Association of Farm Bureaus, was introduced. Mr. Babcock spoke upon the recognized superior quality of Guernsey milk and cream, and the necessity of calling the attention of the consuming public to these qualities. He suggested that a good method would be in having restaurants and ice cream parlors, using Guernsey products, place signs in conspicuous places that only pure Guernsey milk and cream were served there.

Mr. Babcock emphasized the fact that no breed of cattle could long remain in popularity unless they proved successful in the hands of the average dairyman, and to be successful they must keep only healthy vigorous stock. He said that one of the ways of keeping the herds of the county healthy was by having only federal accredited herds.

Another very important step to the dairymen of the county, which

Mr. Babcock spoke of, is the new organization being formed, combining the efforts of the Grange, the Dairymen's League and the Farm Bureau associations, known as the New Grange League Federation Exchange. This is a cooperation for the purpose of buying feeds, farm machinery, and other farm supplies; and for the cooperative marketing of farm produce, and thereby cutting out the large profits of the middle-men.

After the meeting was adjourned, some of the Edgemere Guernseys were led out for inspection. Among them were several excellent daughters of Ne Plus Ultra 4th 29328. The young herd sire was slso shown. He is a son of Langwater Warrior 26509 and out of Langwater Springtime 37854, making him a double grandson of Imp. King of the May 9001. His produce should greatly add to the already high quality of the Guernseys in Cayuga County.

—RAY H. ALEXANDER, Secretary

Western New York Guernsey Breeders' First Annual Picnic

The first annual picnic and sale of the Western New York Guernsey Breeders' Association was held June 26th at Westfield, New York, on the Hopson Estate Farm, managed by Mr. Thomas W. Usborne.

MAYVILLE BOY OF EDGEWATER 51111
Sire—Rose-noble 20427
Dam—Jessie of Canandaigua 64222
Owned by E. B. Hewes & Son, Mayville, New York

The day being without fault, a large crowd of Guernsey farmers came from Central New York, Western Pennsylvania and the nearby counties to enjoy a day at the beautiful home of Mrs. Hopson located just east of the village of Westfield, in the heart of the great Chautauqua grape growing belt.

At twelve o'clock everybody spread their basket luncheon filled with double portions and enjoyed their noonday refreshments under the beautiful trees surrounding the residence. Guernsey milk and cream were there for the asking. Also coffee and buns were furnished by Mr. Usborne.

KIESLING, E. H., JEFFERSON, WIS.

Imp. Nell of Arroyo 47086	A	16 Feb	565.8	5.22	29.53		
		47 Mar	1065.9	5.22	55.64		
		77 Apr	992.3	6.16	61.13	2624.0	146.30

KINGSLAND, W. J., DERRYDALE FARM, GOSHEN, N. Y.

Imp. Minnie of Baissieres 94424	F	114 Apr	904.8	5.55	50.22	3510.3	185.21
Imp. Sequel's Daisy of Lilydale 94427	F	82 Apr	1057.8	4.49	47.50	2859.3	132.47
Imp. Starlight III. of Baissieres 94423	E	225 Apr	780.6	5.38	42.00	6064.8	303.98
Imp. Westeria's Gracieuse 94425	F	158 Apr	795.6	5.70	45.35	4650.1	265.92

KINGSTON, GOODHAND, MUSKEGO LAKE GUERNSEY FARM, WAUKESHA, WIS

Chywoone Lassie of Muskego Lake 55931	A	55 Mar	976.0	5.49	53.58		
		85 Apr	911.9	5.71	52.07	2679.8	148.81
Raider's Butterwitch of Muskego 62838	D	152 Apr	714.7	5.14	36.74	4486.3	224.34

KINNEY, OSCAR F., WALDORF FARMS, ALBANY, N. Y. 1 day test.

Langwater Seamstress 40710	A	335 Apr	884.0	4.80	42.43	12781.5	618.71
Loretta of Waldorf Farm 70255	C	350 Apr	732.0	4.83	35.36	10756.0	523.30
Prophetess Fay of Waldorf Farm 70254	B	182 Apr	1041.8	4.20	43.76	7367.5	297.70

KNUDSON, ALLIC S., SUGAR RIVER STOCK FARM, BRODHEAD, WIS.

Backgammon's Karine 33532	A	201 Apr	748.0	4.22	31.57	5968.2	278.68
Bargy Rilma 76235	F	22 Mar	610.1	4.72	28.80		
s. Frank Rilma 21901 A. R.		52 Apr	863.4	4.51	38.94	1473.5	67.74
d. Bargy Glenwood 57954							
Countess Rilma of Sugar River 60432	B	120 Apr	1026.8	3.99	40.97	3309.7	179.53
Dorothy Glenwood Rilma 64806	D	291 Apr	814.7	4.49	36.58	7846.6	369.79
Golden Countess Glenwood 80294	G	144 Apr	830.8	4.33	35.97	3899.7	186.68
Lady Galore Rilma 80954	G	95 Apr	1025.0	4.50	46.13	3073.9	134.58
Lady Rilma of Sugar River 2d 78738	G	194 Apr	837.9	4.55	38.12	5382.5	263.38
Minnie Rilma of Sugar River 74905	F	298 Apr	788.3	4.38	34.53	8007.2	369.12

LANGDELL, MRS. S. C., EAU CLAIRE, WIS. 1 day test.

Crescent's Sweetheart 74872	E	30 Apr	698.7	6.58	45.97		
s. Nuggett of Dunn County Guernsey Farm 22209 A. R.							
d. Lucky's Crescent 50873							
Queen's Esther Dora 76812	E	30 Apr	841.8	5.40	45.46		
s. Nugget of Dunn County Guernsey Farm 22209 A. R.							
d. May Queen II. of Diamond Farm 40385							

LAPHAM, HENRY G., CRAMMOND FARM, CHESTNUT HILL, MASS.

Langwater Fair Maid 49482	A	205 Apr	1073.7	5.33	57.23	7466.7	379.17
Langwater Gaiety 50107	A	213 Apr	938.1	4.48	42.03	7020.5	321.53

LAWSON, VICTOR F., LONE TREE FARM, GREEN LAKE, WIS.

Imp. Decasse of Sarnia 65364	A	172 Apr	835.1	5.33	44.51	5511.5	281.31
Diamond Lass of Lone Tree Farm 78534	E	16 Apr	665.6	3.89	25.89		
s. Lady's Glenwood Diamond 24911							
d. Lassie Glenwood of Hillsdale 56171							
Doris of Hillsdale 56172	A	121 Apr	1036.3	4.45	46.12	4281.4	189.88
Imp. Duet of Sarnia 65358	A	37 Apr	1208.4	4.99	60.30	1484.9	76.28
Imp. Dulcis Jewel of Lone Tree Farm 70261	E	101 Apr	1003.6	4.27	42.85	3439.2	141.59
Imp. Dulcis of Sarnia 65360	A	102 Mar	1236.3	4.78	59.10		
		132 Apr	1193.3	4.46	53.22	5632.4	233.69
Imp. Enchantress of Sarnia 65401	A	90 Apr	1173.2	4.11	48.22	3559.7	143.98
Economic's Yolanda 2d 40752	A	143 Apr	989.4	4.13	40.86	5074.9	213.55
Imp. Elnora of Sarnia 65366	A	54 Apr	1431.3	4.04	57.82	2547.6	105.71
Imp. Encore of Sarnia 65412	A	103 Apr	1178.2	4.76	56.08	4161.4	208.50
Glenwood's Materna of Inverness 49873	A	54 Apr	1102.9	4.65	51.28	1959.0	91.35
Imp. Goodwill of Sarnia 68386	D	13 Apr	365.4	4.82	17.61		
s. Polly's Pride of the Spurs R. G. A. S. 3480 P. S.							
d. Imp. Enchantress of Sarnia 65401 A. R. 6899							
Illithyra of Lone Tree Farm 74637	E	42 Apr	919.8	4.27	39.28	1267.4	54.89
Kathleen's Rose of Lone Tree Farm 70259	E	189 Apr	732.4	5.27	38.60	5072.6	280.25
Lone Tree Aglia 79954	G	152 Apr	688.9	4.79	33.00	3395.4	158.13

LAWSON, W. A., ELMWAY FARM, ROSENDALE, WIS. 1 day test.

Elmway's Deanie 78028	F	5 Mar	127.8	5.13	6.56		
s. Quaint 14530		35 Apr	906.2	5.13	46.49	1034.0	53.05
d. Imp. Alliance of Sarnia 40222 A. R. 3764							
Elmway's Eileen 83178	G	90 Apr	554.4	5.12	28.39	1839.0	90.68
Elmway's Ethel 83177	G	94 Apr	555.3	4.61	25.60	1950.1	89.76

Golden Maud H. 35989	A	109	Apr	985.5	5.54	54.60	3351.8	183.88
New Year's Lassie of Elmway 51453	A	97	Apr	804.2	4.97	39.97	2710.1	133.69
LEE, MRS. M. B., LYNNHURST FARM, HILLSBORO, WIS. 1 day test.								
Evaline Glenwood of Lynnhurst 84088	G	126	Apr	504.0	4.30	21.67	2663.8	110.21
Glenwood's Princess of Tomah 2d 33877	A	213	Apr	537.3	5.65	30.36	4722.4	247.45
Gypsy Love of Edgemoor 50596	A	331	Apr	567.2	5.30	30.06	9579.5	481.39
Mixter Minuet 79715	F	65	Feb	604.7	4.86	29.39		
		96	Mar	582.3	5.13	29.87		
		126	Apr	568.4	5.50	31.26	2609.6	129.81
Sylvan Princess 33400	A	335	Apr	949.5	4.90	46.53	7951.1	435.41
LEE, M. B., LYNNHURST FARM, HILLSBORO, WIS. 1 day test.								
Laura of Oak Hill 20106	A	336	Apr	1188.8	4.70	55.87	6614.0	326.81
Maud of Oak Hill 20104	A	253	Apr	522.6	5.79	30.26	5417.4	305.06
Muriel of Glenwood of Lynnhurst 81836	G	126	Apr	653.4	5.50	35.94	3136.3	158.17
Sequel's Portia of Lynnhurst 44307	A	335	Apr	928.1	4.70	43.62	7926.8	401.37
LEHMANN, E. E., LINDENHURST FARM, LAKE VILLA, ILL.								
Bel Air's Hallowe'en 49311	A	146	Mar	738.3	6.34	46.81		
		176	Apr	624.5	4.82	30.10	5623.7	292.34
Bonnie Belle of Stanley 44347	A	193	Mar	915.3	4.61	42.20		
		223	Apr	875.9	4.63	40.55	7557.4	350.74
Carol of Riverside 31814	A	26	Mar	1091.8	3.74	40.83		
		56	Apr	1323.2	3.59	47.50	2415.0	88.33
Fifi of the Maresquet 53229	A	111	Mar	983.0	5.20	51.12		
		141	Apr	936.1	5.15	48.21	4936.5	244.27
Minnehaha's Beauty of Oakland 79498	G	64	Feb	943.5	4.05	38.21		
		95	Mar	928.3	3.88	36.02		
		125	Apr	825.4	3.98	32.85	3819.1	157.27
Pet B. 2d 51228	A	193	Mar	904.9	4.24	38.37		
		223	Apr	850.2	4.26	36.22	7765.4	324.75
LEONARD ESTATE CO., RIVER BANKS FARM, GRANTS PASS, OREGON.								
May Rose of River Banks Farms 70508	B	26	Apr	813.2	5.92	48.14		
Nakena's Sequel of River Banks 85250	G	47	Apr	652.5	4.80	31.32	1049.9	54.65
Red Lady of River Banks Farms 71652	D	47	Apr	868.3	4.40	38.21	1360.8	60.03
Red Lady of Sunnyside Farm 47475	A	22	Apr	782.2	5.03	39.34		
LEWIS, HARRY W., THE LEWIS FARMS, WINNECONNE, WIS.								
Glenwood's Miss Jenny 40284	A	109	Apr	1106.2	4.57	50.55	4218.2	182.56
Kenilworth's Blossom of the Lewis Farm 76918	G	121	Apr	875.3	4.62	40.44	3751.5	169.77
Lady Jenny of Maple Grove 69770	D	133	Apr	823.8	4.33	35.67	3944.4	161.63
Lilian Glenwood's Etta 55366	A	152	Apr	1259.9	3.61	45.48	6743.7	256.35
Miss Jenny of Maple Grove 69771	D	121	Apr	704.9	5.08	35.81	2774.6	139.31
LINDSAY, T. P., LYNBROOK FARM, SOUTHBORO, MASS.								
Lynbrook Dolly 68582	F	291	Apr	605.1	5.04	30.50	6921.3	344.12
Lynbrook Edith ot Owl's Nest 75991	G	230	Apr	579.3	5.04	29.20	4984.7	260.29
Lynbrook Florence 69827	F	291	Apr	586.4	5.30	31.08	6566.2	336.83
Lynbrook Nancy of Owl's Nest 71939	F	218	Apr	635.2	4.85	30.81	5300.6	252.01
LONGLEY, H. N., OAK LAWN DAIRY FARM, DOUSMAN, WIS.								
Acme Chene of Six Maples 79397	G	139	Apr	667.1	5.03	33.56	3380.0	156.40
Angeline Chene of Six Maples 80105	G	15	Mar	410.6	4.18	17.16		
s. Imp. Gay Boy of McKerrow Farms 30406		45	Apr	815.4	4.28	34.90	1226.0	52.06
d. Tulip Masher 62830								
Belle Jeweler 62829	C	139	Apr	897.3	4.49	40.29	5031.3	217.82
Masher's Dousman Beauty 2d 71765	E	117	Apr	808.3	5.05	40.82	3807.6	175.77
Nancy Sequel 64070	C	177	Apr	841.2	5.26	44.25	5854.5	264.02
LOVE, J. R. & SON, HAWTHORN FARMS, WAUKESHA, WIS.								
Imp. Fawn of Sarnia 68075	C	182	Apr	760.7	4.53	34.46	5383.6	247.94
Golden Lake Shore Winner 85139	A	182	Apr	1109.7	4.80	53.27	6801.2	352.40
Lake Shore Vesta 94460	A	15	Feb	575.2	4.94	28.31		
s. King Galaxy fo Walter Maple 23720 A. R.		46	Mar	1275.4	4.94	63.00		
d. Lady Vestina 42437		76	Apr	1172.7	4.81	56.41	3023.3	147.82
McBURNEY, HENRY, CHERRY HILL FARM, STOCKBRIDGE, MASS.								
Placida 58367	B	343	Apr	661.2	5.67	37.49	8122.4	421.76
Cherry Hill Lavender 81259	G	106	Apr	441.2	5.73	25.28	1698.3	90.01
She Is Here 46926	A	181	Apr	794.2	5.48	43.52	5566.0	306.57
Stockbridge Fiametta 66194	C	153	Apr	836.9	4.72	39.50	4799.1	220.23
Stockbridge Petronella 64012	D	365	Apr	179.2	5.81	10.41	6468.0	350.73
McINTOSH, JAMES L., CLOVER FARM, DOVESVILLE, S. C.								
Aimable's Emily of Oak Ridge 56943	B	213	Apr	695.3	5.46	37.96	4903.1	261.66
Gemsey's Helen of Burkeville 73793	F	213	Apr	585.9	5.11	29.94	4476.3	232.11

From the Guernsey World

After the picnic lunch everybody gathered on the front lawn and listened to Professor Royce of Cornell University, who is an ardent supporter of the fawn and white and also a breeder. Professor Royce brought to the attention of those present, the importance of proper methods of breeding to get results. He also emphasized the injustice of the present scale of prices as based on butter fat, and urged that the dairymen of all breeds get together and adjust this.

To further demonstrate his talk on breeding he had Mayville Boy of Edgewater owned by Heweshurst Farms of Mayville, New York; Miss L. N. of Edgewater and her bull calf Noble's Ultra Select owned by the Hopson Estate, placed in a ring. These animals are all from Rose Noble a son of Ne Plus Ultra and show many of the familiar points established in this line of breeding.

GRADE GUERNSEY
Molly of Rowan Place
Record: 12700 lbs. of milk; 660 lbs. of butter fat
Owned by Thos. Usborne, Westfield, New York

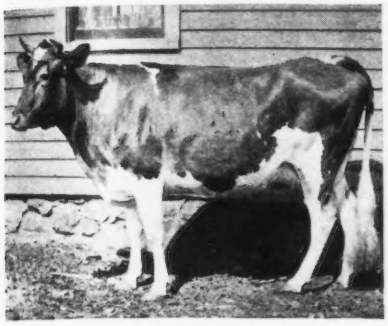
Mr. F. B. Hills of THE AMERICAN GUERNSEY CATTLE CLUB followed Professor Royce with an excellent talk on Guernseys. He emphasized the necessity for cooperation of local associations with the state association for the betterment of the breed and the duty of the individual in his home community in the same cause.

A rising vote of thanks was then extended to Mrs. Hopson and Mr. and Mrs. Usborne who were largely responsible for the excellent time.

Following the program at 2.30 o'clock, twelve head of females and four young bulls were put up at auction sale. The animals were consigned by the following members of the association: Judge A. A. Bird of Cattaraugus; Edward Vaughan of Dudley Farms, Salamanca; Dr. Nelson Richmond, Fredonia; Heweshurst

Farms, Mayville; and Hopson Estate, Westfield, New York.

There were some very good individuals placed before the public and the opportunity was readily taken, for the purchase of animals to start new herds.



MISS L. N. OF EDGEWATER 70369
Sire—Rose Noble 20427
Dam—Miss Linden of Edgewater 32708
Owned by Thos. Usborn, Westfield, New York

Those who purchased cattle were: M. C. Grout and Son, Freusburg, New York; C. N. Taylor, Kennedy, New York; Hopson Bros., Westfield, New York; Mr. H. C. Ingram, Fredonia, New York; James Barnes, Prospect; Will Parker, Mayville; Rex Jones, Sugar Grove, Pa.; F. B. Wilcox, Mayville, New York; and Heweshurst Farms, Mayville, New York.

The object of the sale was acccomplished in that most of the animals went to beginners in Guernsey breeding. —EDW. B. HEWES, JR.

Ohio

Anna Dean Farm Sale

A complete dispersion sale of Anna Dean Farm Guernseys was held at Anna Dean Farm, owned by the late O. C. Barber, Barberton, Ohio, on June 17 and 18, 1920. One hundred ninety-nine Guernseys sold for $65,450 an average of $328.89. The 158 females averaged $332.46, and 41 bulls averaged $315.12. The highest priced animal in the sale was Murne Cowan's King of the Age of Anna Dean Farm 52375, that was purchased by Richard F. Klemm, Baraboo, Wisconisn, for $5000. Murne Cowan's King of the Age of Anna Dean Fa.m 52375 is a two year old son of Murne Cowan 19597 and was sired by Daisy Pearl's Governor 32130, a son of Spotswood Daisy Pearl 17696. The average of the records of the two nearest dams of this bull is 1027.78 pounds of butter fat. No other bull of the breed has so large an average record of dam and sire's dam.

The highest priced female was Imp. Clipper of Anna Dean Farm 47033, that was purchased for $1950 by F. J.

Helen of Oak Ridge 47644	A	127	Apr	1182.7	4.71	55.71	4938.9	229.57
Helen of Oak Ridge 2d 62508	C	165	Apr	796.0	4.89	38.92	4230.1	205.82
Helen's Soso of Locust Grove 81940	G	75	Apr	1015.3	4.78	48.53	2396.6	109.59
Sunbeam of Oak Ridge 40432	A	81	Apr	1172.8	4.72	55.36	3032.4	147.67
MACINTOSH, R. M., BROOKBOUND FARM, SHARON, MASS.								
Branford Foremost Dairymaid 79595	G	170	Apr	884.8	6.19	54.77	5211.9	282.66
MACKAY, CLARENCE H., "HARBOR HILL," ROSLYN, N. Y.								
Chelly Modenese 2d 53202	A	13	Apr	550.5	4.49	24.72		
s. Imp. Masher's Galore 8572 A. R.		44	May	1400.6	4.56	63.87	1951.1	88.59
d. Chelly Modenese 22897, A. R. 1006								
Imp. Kiluna's Welcome 54955	C	365	Apr	596.6	5.53	32.99	10575.1	562.77
Linden Lass of Harbor Hill 65958	C	7	Apr	299.1	4.12	12.32		
s. Azucena's Standard 25537		38	May	1383.4	4.14	57.27	1682.5	69.59
d. Linden Girl of Harbor Hill 2d 52836 A. R. 3821								
Linden Girl 2d 72077	B	365	Feb	244.6	4.79	11.72	12824.4	582.73
Morning Glory of Harbor Hill 65953	C	40	Apr	1429.2	4.57	65.31		
		71	May	1383.3	4.28	59.21	3203.3	144.22
Nivolette 4th 88371	C	5	Apr	217.2	4.60	9.99		
s. Imp. Masher's Galore 8572 A. R.		36	May	1553.4	4.33	67.26	1770.6	77.25
d. Nivolette 16718 A. R. 1007								
Re-echo of Harbor Hill 2d 65959	C	15	Apr	600.2	3.50	21.01		
s. Imp. Masher's Galore 8572 A. R.		46	May	1419.9	4.09	58.07	2020.1	79.08
d. Re-echo of Harbor Hill 57473								
Sanoma's Archer Girl 56637	B	340	Apr	161.2	5.84	9.41		
		365	May	739.4	5.08	37.56	12098.9	652.72
The Last Dame 95670	E	115	Mar	1410.8	4.48	63.20		
		145	Apr	1339.1	4.56	61.06	6831.4	298.71
MACKENZIE, ALEX, WINDY KNOLL FARM, GLEN SPEY, N. Y.								
Imp. Downe Ethel 2d 75468	A	24	Mar	110.7	5.30	58.71		
s. Downe May Rose Lad 2582 E. G. H. B.		54	Apr	1536.2	5.30	81.42	2643.9	140.13
d. Langley Ethel 9073 E. G. H. B.								
Imp. Lynchmere's Secret of Windy Knoll 77737	F	29	Mar	534.3	5.53	29.55		
s. Polly's Ideal of Maison de Bas 3198 E. G. H. B.		59	Apr	550.9	5.53	30.46	1085.2	60.01
d. Imp. Lynchmere Vespasia 6th 75467								
Mountain Girl of Upton Pyne 68361	D	31	Mar	954.1	5.40	51.52		
s. Imp. St. Paul II. 18413 A. R.		61	Apr	1013.9	5.40	54.75	1968.0	106.27
d. Mariana of Upton Pyne 34552 A. R. 4446								
MARSH, W. W., IOWA DAIRY FARM, WATERLOO, IOWA. 1 day test.								
Bopeep's Marie of Iowa 48800	A	250	Apr	872.6	5.41	47.21	8578.2	419.65
Cherub's Elberon of Iowa 67293	D.	64	Apr	1154.5	4.85	55.99	2467.1	115.84
Imp. Hayes Golden Cherry 12th 67865	A	181	Apr	1079.0	5.21	56.22	6926.2	329.45
Imp. Hayes Mabel 67870	A	120	Apr	1329.2	4.52	60.08	5965.8	266.15
Imp. Hayes Sweet Marjoram 3d 67852	A	365	Apr	637.5	4.64	29.58	17811.4	723.27
Imp. Itchen May Rose 6th 40319	A	364	Apr	814.2	4.98	40.55		
		365	May	26.9	4.98	1.34	15885.1	661.87
Jedetta's Last 69679	D	30	Apr	1264.6	4.50	56.91		
Imp. Kitchener's Felois of the Prairie 71873	E	220	Mar	701.2	4.65	32.61		
		250	Apr	674.3	5.00	33.72	6995.3	300.79
Imp. Ladock Jenny 67900	A	45	Apr	1500.3	4.63	69.46	2157.2	98.69
Lillia of the Prairie 54722	B	335	Feb	661.2	5.79	38.28		
		365	Mar	642.1	5.86	37.63	10136.1	546.35
Imp. Ruby Cherry 67875	A	137	Apr	1200.4	4.21	50.54	5844.4	239.24
MASSACHUSETTS AGRICULTURAL COLLEGE, AMHERST, MASS.								
Nantaska 4th 24886	A	365	Apr	359.9	6.05	21.77	12325.7	640.07
MERICKEL & NELSON, ENGLEWOOD GUERNSEY STOCK FARM, EAGLE BEND, MINN.								
Elizabeth of Englewood 49544	A	166	Apr	1055.5	4.98	52.56	6688.6	306.21
Garland of Ash Cove 80781	G	60	Feb	821.3	5.55	45.58		
		91	Mar	833.2	5.03	41.91		
		121	Apr	640.5	5.15	32.99	3252.9	165.60
Glenwood's Waska of Englewood 67750	D	24	Mar	872.1	4.95	43.17		
		54	Apr	1024.0	5.47	56.01	1896.1	99.18
Hustler's Hope of Ash Cove 54004	A	243	Apr	435.4	4.49	19.55	5061.3	222.13
Lady Pride of Poplar Grove 77863	G	273	Apr	642.8	5.62	36.13	6485.0	325.73
Minnie's Dolly of Englewood 64697	C	106	Apr	1098.3	4.61	50.63	4237.6	189.35
Nipentuck of Ash Cove 71511	E	72	Feb	1240.9	3.98	49.39		
		103	Mar	1171.5	4.26	49.91		
		133	Apr	1116.6	4.59	51.25	5359.7	227.08
Rainy of Ash Cove 62054	C	174	Apr	734.7	5.39	39.60	5109.3	262.82
Yexeve of Ash Cove 46596	A	58	Apr	1227.5	4.80	58.92	2419.2	111.47

MERRIMAN, S. A., RIVERSIDE FARM, FORT ATKINSON, WIS.

Dewdrop of Riverview 57524	B	62	Jan	1394.9	5.60	78.11		
		91	Feb	1186.3	5.39	63.94		
		122	Mar	1222.8	5.83	71.29		
		152	Apr	969.4	5.06	49.05	6252.1	338.10
Hambro's Corinne 80107	G	178	Apr	782.5	4.55	35.60	5133.5	234.57
Joker's Corinne 52404	A	213	Apr	637.6	5.63	35.90	5508.7	313.43
Joker's Harriet of Riverside 68194	D	178	Apr	865.0	5.22	45.15	6070.2	296.99
Marion's Buttercup 65165	D	160	Apr	867.2	4.56	39.54	5265.3	251.32
Phillippa of Riverside 66349	D	211	Apr	629.4	4.81	30.27	5764.9	281.53

MICHIGAN AGRICULTURAL COLLEGE, EAST LANSING, MICH.

Bijou's Hopeful 56000	C	344	Dec	597.5	6.82	40.75		
		365	Jan	400.7	6.12	24.52	9799.0	572.47

MIXTER, EST. GEORGE, MIXTER FARM, HARDWICK, MASS.

Yeoman's Mixter Barbara 73196	E	217	Apr	693.8	5.41	37.53	6021.3	314.78
Yeoman's Mixter Bernice 73206	E	191	Apr	861.0	4.84	41.67	6762.7	308.23
Yeoman's Mixter Bluebird 62979	A	188	Apr	813.5	5.10	41.49	5883.4	287.36
Yeoman's Mixter Charm 73194	D	212	Apr	724.6	5.15	37.32	6365.7	324.92
Yeoman's Mixter Crystal 62977	A	5	Mar	153.4	4.66	7.15		
s. Yeoman's King of the May 17053 A. R.		35	Apr	1129.9	4.66	52.65	1283.3	59.80
d. Glassie 20659 A. R. 2311								
Yeoman's Mixter Dale 65872	C	193	Apr	648.0	4.89	31.69	5110.2	257.75
Yeoman's Mixter Dayspring 73216	F	287	Apr	857.3	5.45	46.72	8658.3	426.57
Yeoman's Mixter Glamour 62967	B	304	Feb	731.7	5.05	36.95		
		335	Mar	1599.6	4.81	76.78		
		365	Apr	1402.9	4.30	60.32	10657.3	521.50
Yeoman's Mixter Helen 73220	E	67	Apr	918.1	5.03	46.18	1969.8	93.19
Yeoman's Mixter Hildred 65878	D	329	Apr	301.6	6.25	18.85	8075.1	434.99
Yeoman's Mixter Hope 79710	G	209	Apr	691.6	5.85	40.46	5131.1	284.40
Yeoman's Mixter Juno 65869	C	237	Apr	917.3	4.19	38.43	8493.1	379.28
Yeoman's Mixter Maid 58054	A	331	Apr	433.4	6.50	28.17	8680.3	482.52
Duchess Select Rose 55343	A	192	Apr	770.6	4.96	38.22	6032.9	301.16
Mixter Arabella Dean 73211	E	89	Apr	886.5	4.99	44.24	2739.4	131.60
Mixter Belladonna 73195	D	91	Mar	1177.8	5.15	60.66		
		121	Apr	1115.6	4.88	54.44	4564.1	224.20
Mixter Fernleaf 65885	E	365	Apr	466.1	5.77	26.89	9389.7	454.16
Mixter Garnet Dean 65871	B	27	Apr	1048.4	4.26	44.66		
s. Dean of the May 21815 A. R.								
d. Thirty Thousand Six Hundred Seventy One 30671 A. R. 4669								
Mixter Lily 87578	G	43	Apr	863.7	4.22	36.45	1222.3	49.97
Mixter Norma Dean 73199	D	50	Apr	1121.5	4.31	48.34	1808.6	77.82
Mixter Oakleaf 48419	A	190	Mar	1140.6	5.46	62.28		
		220	Apr	1150.8	5.11	58.81	8596.5	455.23
Mixter Violet 58036	A	107	Apr	895.2	5.04	45.12	3681.6	174.32
Yeoman's Mixter Annaretta 62944	A	65	Apr	1375.9	4.28	58.89	2778.4	136.44
Yeoman's Mixter Moonbeam 58069	A	350	Apr	166.1	8.27	13.74	8111.7	455.91
Yeoman's Mixter Nun 62949	A	243	Apr	648.6	5.31	34.44	7068.6	361.25
Yeoman's Mixter Princess 62960	A	98	Apr	1181.4	4.19	49.50	3859.7	165.74
Yeoman's Mixter Venus 73202	E	184	Apr	1016.8	4.22	42.91	6660.1	305.70

MOORE, E. A., "MOORLAND," NEW BRITAIN, CONN.

Imp. Blue Bell of the Preel VII. 77166	B	31	Jan	1024.7	4.93	50.52		
		60	Feb	917.9	4.93	45.25		
		91	Mar	904.6	4.41	39.89	2847.2	135.66
Moorland's Pearl May 88699	D	91	Mar	949.7	4.35	41.31	2826.9	126.35
Moorland's Pearl Rose 63074	A	85	Mar	1357.1	4.35	59.03		
		115	Apr	1299.6	4.55	59.13	4928.5	220.84
Moorland's Sunbeam 68561	A	31	Mar	1274.0	3.66	46.63		
		61	Apr	1397.4	4.03	56.32	2671.4	102.95
Pearl of Hildesheim 22642	A	9	Feb	259.8	4.29	11.15		
		40	Mar	1376.3	4.41	60.69		
		70	Apr	1484.4	4.15	61.60	3120.5	133.44

MOSELEY, F. S., "MAUDESLEIGH," NEWBURYPORT, MASS.

Lobelia May Rose of Maudesleigh 2d 78098	G	335	Apr	475.1	6.20	29.46	5481.2	285.31

MOSS, W. O., CHAGRIN FALLS, OHIO.

Souvenir's Leonora of Keewaydin 2d 73348	F	152	Apr	663.8	5.62	37.31	3875.3	209.85

MUNN, WAYNE A., JANESVILLE, WIS.

Broad Ripple's Beauty Eagle 79913	G	187	Apr	675.3	5.65	38.15	5045.0	261.97
Edgemoor Beauty 57964	C	365	Apr	44 7	6.61	2.95	8424.2	466.09
Edgemoor Princess 52969	B	365	Apr	10[illegible].5	5.66	6.20	11490.3	538.25
Espoir's Flora K. 33884	A	87	Apr	1003.2	4.17	41.83	3078.3	124.10
Imp. Flora's Sailor Girl 78147	G	213	Apr	828.2	5.11	42.32	7328.2	341.70
Lady Deasie's Marie 74280	F	179	Apr	804.6	5.56	44.74	5652.6	309.89
Imp. Rilma May of Mara Alva 84317	F	164	Apr	641.8	5.38	34.53	4080.4	217.15
Imp. Suzette May of Mara Alva 84318	G	145	Apr	752.9	5.22	39.30	4142.7	216.96

From the Guernsey World

Rueping Fond du Lac, Wisconsin. Imp. Clipper of Anna Dean Farm 47033 is an eight year old daughter of Deanie's Squire 2734 P. S. and has a record of 11828.80 pounds of milk and 634.34 pounds of butter fat in class A.

The only bull that was sold on the first day of the sale was Imp. Goldseeker of Anna Dean Farm 26106. There was considerable speculation regarding the price that this bull would reach and several of the buyers were somewhat surprised when he was sold for $500, to George McCamon, Lisbon, Ohio. Although this bull is thirteen years old he still exhibits energy, vitality, and quality, as though he were in the prime of his life. Twenty-four of his daughters were sold for $12,435 and they averaged $518.12.

Daisy Pearl's Governor 32130, a six year old son of Spotswood Daisy Pearl 17696, was sold for $700 to George M. Barrett, Andover, New York. The fifteen daughters of this bull averaged $406.33.

Ten daughters of Ollie's King of Bell Vernon 2d 14028 averaged $404.

Jehanna Chene 30889 the first cow in class E with a record of 16186.7 pounds of milk and 863.63 pounds of butter fat was sold to C. Conkle, Layland, Ohio. Arrangements were later made by the Anna Dean Farm manager for leaving the cow on the farm, and Jehanna Chene 30889 will remain throughout the rest of her life on Anna Dean Farm.

The heaviest buyers were F. J. Rueping, Fond du Lac, Wisconsin; Harry W. Lewis, Winneconne, Wisconsin; George W. Barrett, Andover, New York; D. D. Elliott, Wisacky, South Carolina; and Tilden Farms, Delavan, Wisconsin. Mr. Rueping purchased eleven head for $8385. Mr. Barrett purchased more animals than any other buyer, taking away sixteen head which cost him $3380.

It is of interest to note that eighty-seven head or 43 per cent. of the 199 animals were purchased by Ohio buyers, and Wisconsin buyers purchased forty-nine head or 25 per cent.

The sale was managed by Charles L. Hill, Rosendale, Wisconsin, and Colonel George A. Bain and Andrews & Son were the auctioneers. A list of the animals sold, together

with the names of the purchasers and prices paid is given below:

MALES

Daisy Pearl's Governor 32130, George W. Barrett, Andover, New York	$700
Imp. Goldseeker of Anna Dean Farm 26106, George McCamon, Lisbon, Ohio	500
Murne Cowan's King of the Age of A. D. F. 52375, Richard F. Klemm, Baraboo, Wisconsin	5000
Murne's Goldseeker of A. D. F. 39316, George E. Spies & Son, Dover, Ohio	500
Anna Dean King 25751, D. D. Elliott, Wisacky, South Carolina	270
Prince Baltimore of Anna Dean 25753, C. Conkle, Layland, Ohio	125
Sea Belle's Raymond of A. D. F. 49352, D. D. Elliott	530
Prince Ferby of Anna Dean Farm 27283, H. A. Hegnes & Son, Medford, Minnesota, and J. A. Thomas, Garrettsville, Ohio.	500
Jewel's King of A. D. F. 64937, Richard F. Klemm	250
Belle's Governor of A. D. F. 60002, Meredith Marshall, Pittsburgh, Pennsylvania	200
Minnette's Goldseeker of A. D. F. 60004, J. E. Douthill, Dover, Ohio	100
Coquette's Goldseeker of A. D. F. 61237, H. E. Dvorachek, Fayetteville, Arkansas	310
Be Sure's Governor of A. D. F. 58015, Clovernook Farms, Whitefish Bay, Wisconsin	200
Buttercup's King of A. D. F. 58008, E. M. Morrow, Richwood, Ohio	300
Duplicate of Anna Dean Farm's Governor 64930, H. N. Hegnes & Son	150
Actress's King of A. D. F. 52384, H. A. Ramsey, Pataskala, Ohio	140
Raymond's Goldseeker of A. D. F. 58542, D. D. Elliott	290
Barometer's Prince of A. D. F. 58006, Wm. Albery, Summit Sta., Ohio	130
Emerita's Goldseeker of A. D. F. 61240, H. A. Zimmerman, Youngstown, Ohio	225
Governor Chena of A. D. F. 64933, J. C. Hershey, Copley, Ohio	65
King Prizewinner of A. D. F. 64936, S. T. Rugh, Homer City, Indiana	50

NEBRASKA, UNIVERSITY OF, LINCOLN, NEBR.

Squre des Blicqs's Helene of Beatrice 47999	A	141 Apr	970.8	5.24	50.87	5454.0	282.34

OLESON, A. O., YEKSAHURST GUERNSEY FARM, LIVINGSTON, WIS. 1 day test

Etta of Yeksahurst 69983	D	116 Apr	1049.9	4.39	46.09	4802.2	213.62
Lily of Yeksahurst 58294	A	70 Apr	1258.6	4.51	56.76	2774.6	132.57
Princess of Yeksahurst 48224	A	196 Apr	796.3	5.27	41.97	7284.4	373.57
Yeksahurst Belle 85231	G	103 Apr	884.0	3.92	34.65	3677.2	138.17
Yeksahurst Buttercup 85232	G	73 Apr	941.7	4.38	41.25	2519.1	102.75
Yexetta 52222	A	35 Apr	1311.1	4.34	56.90	1450.9	63.23

ORDWAY, CHARLES D., KENWOOD FARMS INC., SHELBURNE, VT. 1 day test.

Dairymaid of Linda Vista 76298	G	335 Mar	504.7	5.82	29.37	5824.7	288.02
Imp. Hayes Czarina 67877	A	166 Mar	771.4	4.24	32.71	5626.9	259.70
Imp. Hayes Czarina 2d 67896	D	94 Mar	1000.7	4.13	41.33	3141.3	137.33
Imp. Kitchener's Express of the Prairie 82403	D	56 Mar	1122.9	4.06	45.59	1927.1	76.39
Lovell Park Empress 89167	E	162 Mar	821.0	4.96	40.72	4527.4	217.20
Mac's Fern Leaf of the Prairie 72736	E	174 Mar	793.7	5.04	40.00	4855.7	251.14
Milkmaid of Linda Vista 76299	G	327 Mar	476.3	5.82	27.72	5774.7	271.38

OREGON AGRICULTURAL COLLEGE, CORVALLIS, OREGON.

Imp. Pansy III. of Havilland 60645	A	333 Apr	616.1	6.56	40.42	10002.8	567.31

OTIS, F. D., BARRON, WIS.

Arba's Beauty 36315	A	302 Apr	511.5	4.86	24.86	6999.3	360.13
Mary of Cloverdale 36181	A	274 Apr	165.5	5.34	8.84	3547.0	175.86
Imp. Rougette V. of La Petite Cache 85186	G	154 Apr	475.4	4.55	21.63	2816.6	135.26

OUTHOUSE, E. J., CANANDAIGUA, N. Y.

Miss Gillette of Edgewater 66924	E	365 Apr	617.6	5.05	31.19	9281.4	459.74

PACE, W. M., EXCELSIOR FARM, MONDOVI, WIS.

Buttermaid of Excelsior Farm 79602	C	16 Apr	512.4	3.75	19.22		
s. Jason of Birchwood 24814							
d. Queen's Badger Girl 29784							
Della of Excelsior Farm 79601	B	11 Apr	297.8	4.50	13.40		
s. Jason of Birchwood 24814							
d. Bloom Boy's Princess 54939							
Queen's Buttercup 2d 71899	D	16 Apr	460.3	4.78	22.00		
s. Jason of Birchwood 24814							
d. Queen's Buttercup 60951							

PALMER, R. J., AVONDALE STOCK FARM, WAYNE, MICH.

Princess Sophia 52451	A	365 May	280.1	5.35	14.99	9014.8	418.46
Galaxy's Frolic 51043	A	365 May	145.2	4.87	7.07	8690.7	354.31
Serena of Pittsfield 40336	A	365 May	90.9	6.03	5.48	9674.5	493.26

PARKER, W. P., MORAVIA, N. Y.

Florence J. 44942	A	255 Mar	773.3	5.24	40.52		
		285 Apr	664.7	5.55	36.89	9008.5	446.55
Frances of Broad Ridge 40511	A	133 Mar	823.0	5.71	46.99		
		163 Apr	821.4	5.78	47.48	5213.1	284.45
Guernest Florence 76670	F	91 Mar	1066.9	4.75	50.68	3322.6	137.79
Laddie's Jessie of Edgemere 67949	E	336 Mar	116.7	5.31	6.20		
			667.4	4.18	27.90	9246.0	405.08
Miss L. of Edgewater 51424	A	77 Mar	1066.2	4.87	51.92		
		107 Apr	954.6	4.94	47.16	3664.6	180.37
Queen of Edgemere 82292	G	6 Mar	144.8	4.86	7.04		
s. Ne Plus Ultra 4th 29328 A. R.		36 Apr	932.1	4.83	45.02	1076.9	52.06
d. Miss L. of Edgewater 51424 A. R. 7538							
Ultra's Jessie of Edgemere 74775	G	255 Mar	459.4	4.98	22.88		
		285 Apr	431.0	5.34	23.02	5058.3	254.83

PIERCE, ARTHUR J., EDGERTON FARM, BENNINGTON, N. H.

Imp. Blanch Heba of Les Pelleys de Bas 69268	A	365 May	95.7	6.29	6.02	8450.4	483.20
Cowslip of Edgerton 82272	G	6 Apr	164.6	5.25	8.64		
s. Langwater Recluse 31327		37 May	853.6	5.25	44.81	1018.2	53.45
d. Direxia's Cowslip 61089							
Imp. Governess of Pleinmont 69292	B	119 May	756.0	5.06	38.25	3523.3	180.78
Lady Gree of Edgerton 76063	E	148 May	583.5	5.06	29.53	3158.7	153.12
Imp. Osceola Iris 70171	F	197 May	586.3	4.87	28.55	4562.3	232.39
Robinetta' Pride of Edgerton 75864	F	120 May	681.3	4.20	38.61	2953.9	134.13
Violet's Rose of Edgerton 75863	F	148 May	624.3	5.62	35.09	3360.1	187.34

PLANT, MORTON F., EST., BRANFORD FARM, GROTON, CONN.

Branford May Rachel 79598	G	11 Jan	285.5	4.67	13.33		
		40 Feb	924.4	4.67	43.17		
		71 Mar	977.4	4.80	46.92		
		101 Apr	825.8	5.95	49.14	3013.1	152.56
Cocalico 34191	A	213 Apr	660.4	5.83	38.50	5890.8	310.24
Tarantula 34193	A	310 Apr	414.3	4.78	19.80	7356.3	308.14

POST, GEORGE B. Jr., "KENILWOOD," BERNARDSVILLE, N. J.

Lenore of Upton Pyne 54221 s. Imp. St. Paul II. 18413 A. R. d. Frances of Upton Pyne 41081 A. R. 6738	A	31 Mar	1572.5	4.58	72.02		

POST, OTTO W., OWASCO LAKE STOCK FARM, ENSENORE, N. Y. 1 day test.

General Bay's Guinette 78096	G	140 Apr	654.2	6.00	39.25	3793.5	200.08
Ledyard Bay 2d's Lizette 72774	G	335 Apr	74.6	4.79	3.57		
			633.0	6.08	38.49	7197.4	377.81
Ledyard's Von Davreeda 41186	A	305 Apr	845.3	5.27	44.55	6654.8	375.66
Victor's Rosalind 79146	G	97 Apr	797.2	5.47	43.61	2904.5	146.63

POTTER, ARTHUR D., GREENFIELD, MASS.

Stranford's Tessie of Pinehurst 29724	A	305 Apr	925.8	5.08	47.03	10678.6	507.72

PRENTICE, E. PARMALEE, MOUNT HOPE FARM, WILLIAMSTOWN, MASS.

Langwater Prioress 74346	F	288 Apr	626.5	5.53	34.65	7574.6	397.99

PRESTON, C. L., EAU CLAIRE, WIS. 1 day test.

Beatrice Fernwood 73868	F	171 Apr	601.2	5.50	33.07	4070.8	243.07
Fernwood Lily May 41436	A	135 Apr	817.0	5.56	45.43	4313.0	230.79

REYNOLDS, JOHN P., MILLER FARM, HOLLISTON, MASS.

Stockbridge Carolina 43034	A	217 Apr	468.3	6.55	30.67	4145.1	263.99

RIDGE, HENRY, RIDGELAWN FARM, WHITEWATER, WIS.

Celena of Pecks 27678	A	131 Apr	973.0	5.00	48.65	4768.7	220.72
Gladys of Pecks 32180	A	131 Apr	994.3	5.30	52.70	5435.6	274.72
Young Lady of Hillside 64309	C	150 Apr	1196.4	4.72	56.47	6571.6	299.53

ROBERTS, T. W. & I. W., PENCOYD FARM, BALA, PA.

Clover of Pencoyd 3d 48274	A	130 Apr	1435.7	5.57	79.97	6513.3	324.52
Fannie of Pencoyd 62131	D	213 Apr	884.6	5.45	48.21	7763.8	400.98
Jennette of Walnut Grove 40171	A	171 Mar	918.6	5.31	48.78		
		201 Apr	842.3	5.06	42.62	6976.1	337.83
Lady Beda of Pencoyd 78007	G	365 Mar	384.3	6.22	23.90	9982.5	534.33
Nella Girl of Pencoyd 58630	B	99 Mar	1305.7	5.50	71.81		
		129 Apr	1192.6	5.17	61.66	5534.4	266.39
Nella Jay of Pencoyd 77520	F	60 Mar	1702.3	4.47	76.09		
		90 Apr	1553.8	4.37	67.90	4832.7	223.61
Peggy of Pencoyd 79500	G	138 Apr	907.4	5.05	45.82	4162.7	210.92

ROOT, CHARLES A., ELMWOOD FARM, UXBRIDGE, MASS.

Glory of Glenburnie 58801	C	365 Apr	449.3	5.97	26.82	7300.3	402.89

RUDESELL BROS., BALDWIN, WIS. 1 day test.

Laurel of Maple Grove 97116	G	182 Apr	536.2	5.33	28.58	3225.2	166.37

RUNDELL, DALE E., LIVINGSTON, WIS.

Audrey of Ore Hill 2d 72486	F	285 Apr	726.4	5.25	38.14	7959.2	375.69
Imp. Anita of Ore Hill 52273	A	305 Apr	896.4	5.46	48.94	10320.7	519.89
Bertha of Ore Hill 60983	C	198 Apr	754.8	5.23	39.48	6246.5	323.33
Caroline of Ore Hill 62486	C	165 Apr	817.4	5.34	43.65	5129.7	263.77
Columbine of Ore Hill 73503	E	77 Apr	998.2	4.49	44.82	2558.9	116.11

RUNDELL, HOMER F., "LINWOOD FARM," LIVINGSTON, WIS.

Imp. Arona of Linwood 51552	A	50 Mar	1060.5	4.78	50.69		
		80 Apr	915.0	4.68	42.82	2580.7	117.29
Celia of Linwood 71297	F	165 Feb	778.3	4.44	34.56		
		196 Mar	796.9	5.00	39.85		
		226 Apr	772.0	4.83	37.29	6761.6	299.73
Claudia of Linwood 72532	F	173 Apr	1036.6	4.29	44.47	7033.0	284.67
Cordelia of Linwood 72530	E	148 Mar	1139.4	4.74	54.01	6065.8	266.08
Cynthia of Linwood 73960	F	177 Apr	992.9	4.79	47.56	7228.5	322.51
Polly of Linwood 47863	A	65 Apr	977.1	4.64	45.34	1992.0	90.50

RUSSELL, A. C., AUGUSTA, WIS.

Margarette of Pleasant View 30340	A	118 Apr	942.0	4.56	42.96	4375.0	199.50

RYAN, THOMAS F., OAK RIDGE FARM, OAK RIDGE, VA.

Columbus's Effie of Oak Ridge 66741	E	219 Apr	45.8	5.11	2.34	3065.3	150.64
Columbus's Lillie of Oak Ridge 66739	D	61 Apr	419.3	5.08	21.30	854.9	43.38
Lillie of Alfalfa Farms 31055	A	182 Apr	802.3	4.78	38.35	4976.9	248.30
Oak Ridge Stranford's Emily 76020	G	182 Apr	548.1	5.36	29.38	3300.3	175.61

SASS, ERNEST W., PERGUE FARM, STREATOR, ILL.

Pergue's Crescent 61717	C	126 Mar	911.2	4.18	38.09		
		156 Apr	833.6	4.42	36.85	4675.1	208.69
Pergue's Easter Dean 96712	G	211 Mar	624.5	4.99	31.16		
		241 Apr	655.5	5.22	34.22	5655.5	274.87
Pergue's Libby Ann 92399	G	138 Mar	887.1	4.61	40.90		
		168 Apr	740.9	4.60	34.08	5029.5	229.40
Pergue's May Lass 95458	G	270 Mar	641.2	5.18	33.21		
		300 Apr	677.1	5.18	35.07	7576.6	348.04

SCHICK, HENRY, "GOLDEN ACRES," BUHL, IDAHO.

Imp. Agatha of Sarnia 44442	A	30 Apr	1276.7	4.49	57.32		

From the Guernsey World

Sequel Ferby of A. D. F. 64934, E. G. Engle, North Benton, Ohio	90
Top's Governor of A. D. F. 64935, George W. Barrett	60
Spotswood Daisy's King of A. D. F. 48989, C. Conkle	150
Queen's Sequel of A. D. F. 64932, Wm. Suader, Copley, Ohio	25
May Morn's Goldseeker of A. D. F. 64931, C. Conkle	150
Allegheny Chieftan 58696, J. Ross Karr, Fredericksburg, Ohio	100
Tulip's Governor of A. D. F. 64938, George W. Barrett	50
Jewel's King of A. D. F. 64937, Harry W. Lewis, Winneconne Wisconsin	180
Unnamed bull calf, C. Conkle	185
Unnamed bull calf, I. G. Beck, Galion, Ohio	205
Unnamed bull calf, Frank W. Doran, Blacklick, Ohio	105
Unnamed bull calf, J. Ross Karr	70
Unnamed bull calf, H. A. Ramsey	40
Unnamed bull calf, Frank W. Doran	155
Unnamed bull calf, D. D. Elliott	220
Unnamed bull calf, E. H. Dailey, Clinton, Ohio	50
Unnamed bull calf, H. O. Gunder, Peoria, Ill.	65
Unnamed bull calf, George W. Barrett	100
Unnamed bull calf, B. F. Sheridan, Fond du lac, Wisconsin	105
Unnamed bull calf, Harry Stayer, Aultman, Ohio	60

FEMALES

Goldseeker's Dreamy Eyes of A. D. F. 83438, F. J. Rueping Fond du Lac, Wisconsin	700
Dreamy Eyes 2d 95487, F. J. Rueping	600
Goldseeker's Bertolette May of A. D. F. 96551, Harry W. Lewis	780
Goldseeker's Sea Belle of A. D. F. 94593, C. G. Wilderson Leetonia, Ohio	880
Goldseeker's Nellie of A. D. F. 95494, F. J. Rueping	800
Goldseeker's May of A. D. F. 86053, H. N. Allen, Troy, Ohio	575

Goldseeker's Bonnie of A. D. F. 95480, F. J. Rueping 800
Goldseeker's Lady Charlotte 58578, Harry W. Lewis 435
Goldseeker's Julia of A. D. F. 95488, E. C. Fahrney, Oshkosh, Wisconsin 575
Goldseeker's Jewel of A. D. F. 68234, W. E. Wright, Akron, Ohio 525
Goldseeker's Honeymoon of A. D. F. 97749, H. N. Allen 575
Goldseeker's Floe of A. D. F. 94586, H. N. Allen 600
Goldseeker's Ella of A. D. F. 66073, Earl Frase, Wadsworth, Ohio 200
Goldseeker's Duchette of A. D. F. 94592, E. C. Fahrney 500
Goldseeker's Cottie of Anna Dean Farm 64503, W. E. Wright 575
Goldseeker's Corinna of A. D. F. 58976, Alfred Morawetz, Milwaukee, Wisconsin 235
Goldseeker's Clingstone of A. D. F. 94599, C. C. Bolton, South Euclid, Ohio 425
Goldseeker's Chena of A. D. F. 94591, E. C. Fahrney 425
Goldseeker's Blanche of A. D. F. 94581, George W. Barrett 400
Golden Lily of Anna Dean Farm 57284, Wm. Suader 100
Goldseeker's Queen Elizabeth of A. D. F. 99737, F. J. Rueping 700
Goldseeker's Queen of Anna Dean Farm 59612, C. E. Seiberling, Barberton, Ohio 390
Goldseeker's Princess of Anna Dean Farm 60834, Tilden Farms, Delavan, Wisconsin 410
Goldseeker's Pride of Anna Dean Farm 74579, C. E. Seiberling 105
Governess of Anna Dean Farm 48881, W. E. Wright 500
Elizabeth Belle 31190, W. E. Wright 600
King's Maria 44037, W. E. Wright 750
King's Pomara 46449, B. F. Sheridan 360
Ollie's Beauty of Anna Dean Farm 59175, R. H. Griffith, Canonsburg, Pennsylvania 475
Top o' the Morning of Anna Dean Farm 56641, Tilden Farms 150
Beauty Belle of A. D. F. 66097, Marjorie Hompe, Grand Rapids, Michigan 500
Belle Daisy of A. D. F. 66072, Tilden Farms 200
Bessie of A. D. F. 63591, H. A. Ramsey 165

Imp. Bursa of Sarnia 44444	A	121	Apr	949.2	4.96	47.08	4920.0	227.84
Butterwitch of Sarnia 44446	A	178	Apr	859.8	5.44	46.77	6030.8	296.49
Golden Hero's Queenie Lass 38557	A	162	Apr	1233.5	5.43	66.98	6674.5	353.97
Hero's Lady Amy 38556	A	30	Apr	1286.8	4.73	60.87		
SCHMIDT, HANS J., "GRAND HOME," CEDAR FALLS, IOWA.								
Glenwood Daisy's Rouge of Grand Home 64382	D	183	Mar	874.1	5.62	49.12		
		213	Apr	795.0	5.43	43.17	6041.3	341.14
High Life Victoria of Grand Home 72976	E	53	Mar	978.3	4.60	45.00		
		83	Apr	865.5	4.84	41.89	2524.8	116.71
Marcus Glenwood's Daisy 46712	A	29	Mar	1120.7	4.98	55.81		
		59	Apr	1237.6	4.84	59.90	2358.3	115.71
Marcus Glenwood's Rosette 46710	A	31	Mar	1462.3	4.10	59.95		
		61	Apr	1294.3	4.77	61.74	2756.6	121.69
SCHMOLDT, CHARLES, ROSENDALE, WIS. 1 day test.								
Albina of Sulphur Springs 70519	F	253	Mar	918.3	5.73	52.62		
		283	Apr	866.1	5.54	47.98	8959.1	486.21
Meldora of Sulphur Springs 36688	A	14	Mar	509.4	4.45	22.67		
s. Selma's Glenwood 12596 A. R.		44	Apr	1136.6	4.53	51.49	1646.0	74.16
d. Melba Glory 26046								
SCHOHARIE STATE SCHOOL OF AGRICULTURE, COBLESKILL, N. Y.								
Sterling of Rockstone 56367	A	182	Apr	1191.8	5.28	62.93	7739.4	383.39
SCHWALEN, O. R., CITY VIEW FARM, ROBERTS, WIS. 1 day test.								
Imp. Beauty of Bel Air 59636	A	365	Apr	752.7	5.36	40.34	9118.3	458.18
Cherry's Ada of City View 102815	G	107	Apr	764.3	5.25	39.97	2776.8	139.62
Dairy Maid of City View 61806	B	130	Apr	875.1	5.61	49.09	4447.9	244.64
Dairy Maid of City View 2d 100930	G	136	Apr	704.4	6.04	42.55	3602.0	203.68
Duchess of Grenwode 39287	A	85	Apr	1046.8	5.09	53.28	3014.4	149.01
Flora's Cream Cup of City View 99113	G	234	Apr	731.8	5.88	43.03	6621.3	360.26
Imp. Forfaiture's Daisy of City View 59641	A	68	Apr	1371.3	3.75	51.42	2990.0	113.36
Golden May Rose of City View 52630	A	100	Apr	993.5	5.07	50.37	3490.9	175.50
SCHWARTZ, R. R., TROY CENTER, WIS. 1 day test.								
Bessie's Yeksa Starlight 60399	B	122	Mar	868.2	5.15	44.71		
		152	Apr	741.7	5.50	40.79	4661.9	221.23
Creamland Blanche 82472	G	88	Mar	889.2	5.13	45.62		
		118	Apr	734.1	7.00	51.39	3349.1	184.00
Elina's Beauty Girl 75459	F	122	Mar	746.4	5.30	39.56		
		152	Apr	680.7	5.76	39.21	3645.7	192.70
Faithful Zeta 36595	A	122	Mar	1116.7	5.11	57.06		
		152	Apr	971.0	5.91	57.39	5822.2	296.75
Faye's Luella 57570	A	114	Mar	1056.8	5.31	56.12		
		144	Apr	898.9	5.66	50.88	5199.7	266.48
Frau of Meridian 2d 38978	A	122	Mar	964.4	5.58	53.81		
		152	Apr	855.8	6.10	52.20	5051.1	279.82
Maude of Guernsey Hill 39484	A	30	Apr	1272.0	4.88	62.07		
Peacock's Princess of Denton Farm 45208	A	87	Mar	1178.3	4.45	52.43		
		117	Apr	993.1	4.84	48.07	4797.8	207.65
SHOEMAKER, S. N., BURNSIDE FARM, ECCLESTON, MD.								
Fond Memories of Anna Dean Farm 56648	A	76	Apr	1168.3	4.55	53.16	3024.4	130.63
Imp. La Belle Valentine 81313	F	52	Apr	1127.8	4.30	48.50	1973.6	84.11
Lady Lavender 55604	A	93	Mar	1248.9	4.72	58.95		
		123	Apr	1164.5	4.75	55.31	4862.4	215.43
Lady Procris 83299	G	10	Mar	315.5	4.49	14.17		
		40	Apr	1037.3	4.49	46.57	1352.8	60.74
s. King Procris 20956								
d. Glen Haddon's Milk Maid 34638 A. R. 2502								
Ma Chere Procida 81762	G	6	Mar	214.5	4.52	9.70		
		36	Apr	1258.5	4.52	56.88	1473.0	66.58
s. Jardiniere's Masher 20957 A. R.								
d. Glen Masher's Procris 27286 A. R. 1927								
Ma Chere Topsy 55854	A	123	Apr	1225.3	4.66	57.10	5417.1	229.92
May King's September Midday 48875	A	365	Apr	418.8	5.75	24.08	13328.7	677.95
Pencader's Nora 76585	F	45	Apr	832.6	5.30	44.13	1222.3	67.90
Pencader's Polly 76586	F	121	Apr	840.5	5.37	45.13	3625.2	177.18
Red Clover O. D. 43697	A	125	Apr	1068.7	5.70	60.92	5018.5	261.96
Reigning Queen of Anna Dean Farm 56647	A	61	Apr	1150.1	4.40	50.60	2416.8	107.35
Xmas Dolly 50819	A	59	Apr	1277.9	4.59	58.66	2567.4	122.49
SKAAR, CHRIS, PINE RIDGE FARM, HAYWARD, MINN.								
Alpha of Pine Ridge 46753	A	115	Apr	620.9	4.90	30.42	2746.1	134.38
Busy of Pine Ridge 76491	F	115	Apr	693.9	5.04	34.97	2771.2	130.41
Imp. Buttercup II. of Vimiera 86628	G	180	Apr	637.7	4.35	27.74	4110.0	174.68

Lessing of Pine Ridge 63073	C	117	Apr	664.3	5.18	34.41	2923.9	146.26
Pine Ridge Liberty 83115	G	178	Apr	387.4	4.16	16.12	3250.5	145.91
Virginia of Pine Ridge 56123	B	197	Apr	462.1	5.20	24.03	4273.7	216.53
SKAAR, M. S. & C. A., COR-ALFA FARM, HAYWARD, MINN.								
Adeline's Victory of Cor-Alfa Farm 82659	G	103	Apr	663.6	4.45	29.53	2471.2	112.13
Annabel of Cor-Alfa Farm 82660	G	114	Apr	647.5	4.59	29.72	2680.1	116.86
Bonny of Cor-Alfa Farms 75434	F	106	Apr	730.0	5.34	38.98	2847.8	152.23
Esther of Cor-Alfa Farm 75432	E	73	Apr	793.7	4.69	37.22	2123.5	99.85
Maisie's Duplicate 56764	A	99	Apr	844.6	5.65	47.72	3029.1	152.37
Maisie's Princess 33921	A	93	Apr	880.8	4.26	37.52	3021.1	130.48
Imp. Polly V. of Hillside 86633	F	104	Apr	600.8	5.09	30.58	2300.0	110.09
Princess Alice of Cor-Alfa Farm 75433	F	103	Apr	698.4	5.41	37.78	2625.9	135.89
Princess Marie Josephine 56763	A	17	Feb	677.5	4.63	31.37		
		48	Mar	1017.6	4.63	47.11		
		78	Apr	980.2	4.74	46.46	2675.3	124.94
Imp. Red Wing of Minnesota 87363	E	110	Apr	614.3	5.56	34.16	2522.4	126.93
SMITH, LOUIS, E. P., LINDA VISTA FARM, HOLLISTON, MASS.								
Pearl of Linda Vista 75063	G	344	Apr	594.3	5.08	30.19	8002.0	363.24
SMITH, R. A., LYNCHBURG GUERNSEY FARM, LYNCHBURG, S. C.								
Closel Countess of Elmendorf 77365	G	305	Jan	379.8	6.10	23.17		
		334	Feb	319.5	6.28	20.06		
		365	Mar	59.8	6.28	3.76		
				295.3	6.38	18.84	6940.6	344.17
Countess Dairy of Elmendorf 77362	G	365	Mar	318.5	5.55	17.68		
				31.3	4.58	1.43	7905.7	399.29
Imp. Glow VI. of Rose Farm 47175	A	52	Mar	999.8	4.41	44.09		
		82	Apr	956.7	4.78	45.73	2555.5	118.93
Pretty Dairy Maid of Elmendorf 77363	G	359	Mar	106.0	6.47	6.86		
				195.9	5.25	10.28	6679.7	341.79
Flodell Petite 67944	D	22	Mar	746.6	4.28	31.95		
s. Evette's King 22341		52	Apr	1094.6	4.67	51.12	1841.2	83.07
d. Imp. Duplain's Primrose 33095 A. R. 2381								
Letty Gretchen 46441	A	76	Apr	1040.6	4.30	44.75	2798.5	125.96
SPENCER, ROY E., SPENCER FARM, CHARDON, OHIO.								
Clover's Delight of Spencer Farm 52710	A	179	Apr	877.6	4.62	40.55	5780.3	279.82
Clover of Spencer Farm 40036	A	346	Apr	890.4	5.03	44.79	10523.2	531.63
Imp. Dane of the Belles of Mara Alva 69459	D	365	Apr	455.2	5.64	25.67	9237.0	484.51
Mayflower Jehanna 77092	F	169	Apr	460.9	5.55	25.58	3098.2	159.09
Mayflower of Spencer Farm 61115	B	74	Apr	1111.3	4.27	47.45	2745.8	117.71
Primative's Mollie Stark 29278	A	365	Apr	420.1	4.82	20.25	10925.8	541.73
Imp. Ronde Marie of Mara Alva 68103	D	89	Apr	938.8	4.61	43.28	2934.1	130.81
White Lily of Spencer Farm 63798	C	44	Apr	1083.7	4.37	47.36	1542.1	68.13
STARK, WILL A., JEFFERSON, WIS.								
Dairymaid's Miriam 53527	A	30	Apr	1128.6	4.62	52.14		
Miriam of Sunnybrook 39861	A	90	Feb	1188.4	4.93	58.59		
		121	Mar	1202.5	4.99	60.00		
		151	Apr	1079.6	5.31	57.33	6272.4	312.37
STOKES, ANSON, PHELPS, THE BROOK FARM, LENOX, MASS.								
Brook Farm Lillian 81143	G	73	Apr	1006.6	5.46	54.96	2537.2	124.45
Hillside Short of the Simons 36780	A	335	Apr	399.2	5.04	20.12	10090.1	442.41
Miss Holton of Stockbridge 31255	A	335	Apr	848.5	5.46	46.33	12388.5	627.51
TABER, HARMON E. EST., MAPLE ROW FARM, CASTILE, N. Y. 1 day test.								
Cricket's Fancy 75586	G	110	Mar	1094.5	5.73	62.71	4336.6	215.43
Penta 43707	A	23	Mar	919.9	5.55	51.05		
Queen's Orlette 44173	A	203	Mar	912.5	5.28	48.18	6881.8	342.66
Rainbow's Rose of Gold 72596	G	338	Mar	592.6	6.82	40.42	8734.2	524.45
Tiny Taber of Maple Row 28040	A	338	Mar	360.9	4.70	16.96	8632.5	466.66
TAGGART, W. H., BRAESIDE FARM, MANAWA, WIS.								
Bella of the Effards 37428	A	152	Apr	743.3	4.99	37.09	4156.6	219.00
Beauty of Cloverleaf 77143	E	89	Apr	708.6	4.20	29.76	2111.1	86.86
Bijou's May Belle of Cloverleaf 81585	D	23	Mar	648.1	4.01	25.99		
		53	Apr	904.6	4.45	40.25	1552.7	66.24
Clare of Cloverleaf 55712	A	344	Apr	629.0	5.27	33.15	8763.7	394.10
Combination King's Cherry of Braeside 98810	G	222	Apr	730.9	4.81	35.16	6050.3	273.51
Ingleside Vrangue King's Jean 81210	G	122	Apr	675.3	4.73	31.94	2597.3	108.73
Lilly of Cloverleaf 46106	A	134	Apr	964.3	4.64	44.74	4806.3	205.92
Lord Yeoman's Bessie of Braeside 90452	E	87	Apr	927.2	4.21	39.04	2569.9	102.75
Lord Yeoman's Lucinda 103432	E	11	Mar	397.9	3.44	13.69		
		41	Apr	1341.2	3.44	46.14	1739.1	59.83
Mollie of Clover Leaf 43148	A	81	Apr	899.9	5.29	47.60	2442.1	118.77
Quite Comely 39049	A	137	Apr	854.3	5.67	48.44	4288.2	224.77

From the Guernsey World

Daisy Pearl's Alberta of A. D. F. 86051, F. J. Rueping 1000

Daisy Pearl's Belle of A. D. F. 95493, Meredith R. Marshall 410

Daisy Pearl's Bounty of A. D. F. 83442, A. L. Sheldon, Grand Rapids, Minnesota 410

Daisy Pearl's Cora of A. D. F. 94597, Harry W. Lewis 425

Daisy Pearl's Cottie of A. D. F. 94598, I. Ben Miller, Cape Girardeau, Missouri 575

Daisy Pearl's Cyntha of A. D. F. 80647, George W. Barrett 230

Daisy Pearl's Daisy of A. D. F. 95496, C. C. Bolton 360

Daisy Pearl's Dancer of A. D. F. 83439, Tilden Farms 200

Daisy Pearl's Governess of A. D. F. 95484, F. J. Rueping 750

Daisy Pearl's Lass of A. D. F. 95485, I. Ben Miller 500

Daisy Pearl's Strawberry Girl of A. D. F. 81415, George W. Barrett 160

Alderney Lil of A. D. F. 66101, Tilden Farms 325

Daisy of Anna Dean Farm 59178, J. R. Rogers, Toronto, Ohio 520

Raymond's Chena of A. D. F. 61704, Karlton Farms, Wadsworth, Illinois 235

Raymond's Cymric of A. D. F. 87213, B. E. Totten, Farmdale, Ohio 130

Raymond's Emerita of A. D. F. 86052, D. D. Elliott 260

Raymond's La Grande of A. D. F. 83448, D. D. Elliott 330

Raymond's Prizewinner of A. D. F. 80646, Tilden Farms 210

Raymond's Queen of A. D. F. 68235, Karlton Farms 350

Imp. Ambrosia of Anna Dean Farm 46737, William Suader 75

Imp. Gold Vein of Anna Dean Farm 2d 47587, J. H. Hinchliff, Lisbon, Ohio 110

King's Cylia of Anna Dean Farm 61949, Charles Rittmair, Beach City, Ohio 130

Anna Dean Rita of A. D. F. 97737, George Swartz, Byron, Wisconsin 310

King's Queen of Anna Dean Farm 86046, H. N. Hegnes & Son 435

Theda Bara of Anna Dean Farm 62880, C. G. Wilderson 310

Dinah's Gold Vein of A. D. F. 61706, Frank W. Doran 195

Dinah King's Daisy Jewell 61077, Marjorie Hompe	200
King's Corinna of A. D. F. 86050, H. N. Hegnes & Son	360
Murne's Ace of A. D. F. 83443, George W. Barrett	225
Murne's Apple Bud of A. D. F. 83445, W. E. Wright	735
Sequel's Jessie of A. D. F. 81416 George W. Barrett	200
Goldseeker's Summer Night of A. D. F. 97739, Meredith R. Marshall	485
Murne Jewel of A. D. F. 94584, A. L. Sheldon	460
Murne Munroe of A. D. F. 94589, C. G. Wilderson	485
Baltimore's Clipper of A. D. F. 81413, Roy Shangfelt, Copley, Ohio	155
Baltimore's Daisy of A. D. F. 94595, Meredith R. Marshall	300
Baltimore's Cottie of A. D. F. 94583, C. E. Seiberling	250
Baltimore's Governess of A. D. F. 66090, J. S. Yoder, Wooster, Ohio	390
Baltimore's Maggie of A. D. F. 86045, Tilden Farms	210
Princess Lizzie of A. D. F. 66083, D. D. Elliott	170
Baltimore's Gay Lady of A. D. F. 66082, D. D. Elliott	360
Cinnamon of Anna Dean Farm 2d 57285, Karlton Farms	250
Cottina's Rita of Anna Dean Farm 65886, Andy Hunt, Akron, Ohio	110
Rita Chene of A. D. F. 66096, Marjorie Hompe	225
Rita Maud of Anna Dean Farm 81412, Wm. Suader	110
Rita Princess of A. D. F. 80644, Clovernook Farm, Whitefish Bay, Wisconsin	390
Sequel's Rita of A. D. Farm 60096, Andy Hunt	125
Golden Chene of A. D. F. 68236, Howard Kisseberth, Burgoon, Ohio	150
Golden Corinna of A. D. F. 66102, C. E. Rummel, Poland, Ohio	165
Golden Governor's Fleurie of A. D. Farm 60094, C. E. Seiberling	200
Golden Ivy of Anna Dean 61604 Tosa Monchilior, Barberton, Ohio	100
Governor's Primrose of A. D. F. 71788, Harry W. Lewis	410
Victorios's Clio of A. D. F. 83444, A. L. Sheldon	375
Duchess of Anna Dean Farm 48332, Wm. Suader	90
Lily of Anna Dean Farm 64505, Wm. Suader	100

Sister Sue's Jeanette 81208	G	185	Apr	689.4	5.07	34.95	4347.9	207.11
Yeoman's Lucy of Braeside 97732	E	297	Apr	680.0	4.55	30.94	8446.4	349.88
TILDEN, ANNIE E., TILDEN FARMS, DELAVAN, WIS.								
Imp. Bright Spark of La Pointe 87361	G	128	Apr	816.6	4.61	37.65	3816.8	180.21
Imp. De Garis Buttercup 84022	G	143	Apr	790.3	4.79	37.86	3991.8	190.47
Imp. Flora of Groignet 94296	G	22	Apr	581.4	3.99	23.20		
Imp. Flora of the Eturs 84039	G	128	Apr	1029.7	5.34	54.99	4558.6	233.39
Imp. La Blanche III. du Villocq 84033	G	169	Apr	803.0	4.63	37.18	5027.1	222.28
Imp. Liberty Motas 84024	G	176	Apr	400.3	4.57	18.29	3559.2	150.00
Imp. Lisle's Too True 84025	G	128	Apr	969.6	4.74	45.96	4222.9	192.66
Maggie of Tilden Farms 60338	B	80	Apr	845.6	3.86	32.64	2506.3	99.61
Imp. Marie of Tilden Farms 85048	G	90	Apr	827.2	4.34	35.90	2515.7	102.11
Mary Ladd 46306	A	182	Apr	1037.3	5.16	53.52	6808.8	333.40
Imp. May Boy's Amelia of Millmount 84041	G	176	Apr	533.5	4.86	25.93	3657.3	156.66
Mayflower of Engelwood 64658	C	72	Apr	1159.6	3.91	45.34	2949.8	116.23
Melrose Lady 70365	D	291	Apr	731.5	5.50	40.23	6895.8	344.63
Imp. Mignot III. of Verdun Farm 83989	G	205	Apr	900.1	4.41	39.69	6084.5	263.72
Imp. Robin's Selina 83999	G	205	Apr	749.6	5.47	41.00	5283.7	245.19
Sir Rosewood's Beauty 57077	C	279	Apr	496.5	4.90	24.33	6410.3	284.37
Sir Rosewood's Ginger 65051	D	156	Apr	772.9	5.31	41.04	4100.8	215.46
Sir Rosewood's Maggie 65050	C	90	Apr	814.2	5.32	43.32	2707.3	134.14
Imp. Ruby III. of La Fontenelle 84004	G	205	Apr	831.6	4.55	37.84	5440.9	245.73
Tilden Farms Annabelle 83163	G	90	Apr	775.1	4.35	33.72	2306.8	103.15
Imp. Violet of the Fountain 84002	G	170	Apr	649.5	5.58	36.24	3806.0	205.18
Imp. Wild Rose of Grand Rue 83990	G	176	Apr	675.7	4.24	28.65	4347.8	175.60
TIMMINS, GEORGE H., GREENWAY FARM, WARE, MASS.								
Mixter Gipsy Dean 79709	G	305	Mar	630.7	4.88	30.78		
		335	Apr	637.7	5.14	32.78	7791.6	367.97
Imp. Pride's Daisy II. of Frie Baton 68693	C	10	Mar	382.8	4.86	18.60		
s. Imp. Prince of la Croisee 40950 A. R.		40	Apr	1349.6	4.86	65.59	1732.4	84.19
d. Imp. Pride's Daisy of Frie Baton 68657 A. R. 7833								
Snowflake Fisher of Indian Bridge 81423	D	52	Apr	966.9	4.16	40.22	1734.8	66.25
TRATT, RALPH, THE MAPLES, WHITEWATER, WIS.								
Bobiculius 80515	G	121	Apr	774.1	4.95	38.32	3327.3	164.73
Hambro's Bonnie 49829	A	16	Mar	489.2	4.57	22.36		
		46	Apr	923.4	4.57	42.20	1412.6	64.56
Hambro's Ringlet 55239	A	27	Mar	947.0	5.63	53.32		
		57	Apr	990.6	4.44	43.98	1937.6	97.30
Hickory Grove's Pan 72247	E	26	Mar	934.3	5.32	49.70		
		56	Apr	974.7	4.83	47.08	1909.0	96.78
Necia's Winona 65293	D	121	Apr	865.3	4.94	42.75	3818.8	183.11
TREES, J. C., MARS, PA.								
Clatford's Beauty 54661	A	53	Mar	989.2	4.31	42.63		
		83	Apr	881.0	4.53	39.91	2617.8	114.76
Imp. Ivans Choice of Mara Alva 68134	C	53	Mar	1024.8	4.79	49.09	1808.0	88.88
May King's Rose of Cortland 85396	G	40	Feb	775.6	3.42	26.53		
		71	Mar	630.3	3.82	24.08	1719.0	62.88
May Rose Count's Lass 75912	F	109	Mar	809.7	5.53	44.73		
		139	Apr	696.9	5.91	41.19	3864.8	194.72
May Rose Count's Rose 75913	F	91	Mar	888.6	5.12	45.50		
		121	Apr	804.8	4.46	35.89	4000.7	174.47
Primrose's Pride of Shady Nook 77966	G	38	Mar	1079.8	3.39	36.61	2317.4	83.54
Princess Eileen of Shady Nook 77964	F	91	Mar	604.9	4.65	28.13	1878.9	81.51
Sarah's Lad's Daughter 75911	F	91	Mar	853.8	4.43	37.82		
		121	Apr	732.0	4.54	33.23	3485.1	148.04
Shamrock's Wanda 52720	A	20	Apr	787.3	3.92	30.86		
TRISTRAM FARM COMPANY, EAU CLAIRE, WIS.								
Imp. Deb of Sarnia 65387	A	133	Mar	705.3	5.08	35.83		
		163	Apr	678.0	4.97	33.70	3926.1	201.80
Imp. Economy of Sarnia 65365	A	142	Mar	569.7	4.46	25.41	3413.1	152.32
Glenwood's Ella of Tristram Farm 75260	F	177	Mar	512.1	4.98	25.50		
		207	Apr	446.4	5.25	23.44	3883.1	188.14
Imp. Primrose Beauty of Tristram Farm 50997	A	365	Mar	418.0	4.90	2.05	8445.0	353.06
UMHOLTZ, W. H., NILES, MICH. 1 day test.								
Beulah Diana 78419	G	268	Apr	382.7	7.08	27.10	4199.7	254.39
Beuna Hope 78418	F	167	Apr	589.0	4.70	27.68	3708.0	179.02
Souvenir's Annabell Hope 59770	C	268	Apr	94.2	7.70	7.25	4972.2	301.91
Souvenir's Cozy 76559	G	135	Apr	688.0	5.38	37.01	3492.0	182.04

VIRGINIA POLYTECHNIC INSTITUTE, BLACKSBURG, VA.

Gay Lad's Marion 56492	B	244	Mar	426.7	5.92	25.26	6017.8	318.52
V.P. I. Lucy of Elkview 62088	D	113	Mar	858.3	4.57	39.22	3357.2	162.24

WEBB, J. G., CLINTON CORNERS, N. Y.

Babette of Webb Farms 57781	A	237	Apr	807.4	5.95	48.04	7985.1	420.38
Baby Anne of Webb Farms 63673	D	305	Apr	301.1	5.79	17.43	5991.0	287.93
Bella Donna of Hillside 49590	A	348	Apr	685.0	5.85	40.07	10904.9	545.41
Bertha of Stanford 48814	A	152	Mar	814.0	5.23	42.57		
		182	Apr	645.7	5.53	35.71	5224.8	267.17
Bonnie of Webb Farms 75682	G	317	Apr	278.2	5.42	15.08	5384.4	238.16
Penelope of Brookmead 46275	A	209	Apr	964.9	4.79	46.22	7462.2	377.62

WEBB, J. WATSON, WOODBURY FARM, SYOSSET, N. Y.

Flora of Woodbury 49380	A	305	Apr	424.4	4.90	20.80	5909.5	301.55
Floretta of Woodbury 68352	F	305	Apr	472.8	6.39	30.21	5436.0	311.39

WEILEP BROS., MIDWAY FARM, RICE LAKE, WIS.

Elm Road Gladys 68054	D	6	Mar	181.9	4.61	8.39		
		36	Apr	1066.3	4.61	49.16	1248.2	57.55
Elm Road Leila 73398	F	206	Apr	681.0	5.39	36.71	5372.1	266.20
Elm Road Polly 66601	D	186	Apr	860.3	5.99	51.53	5647.5	330.63
Lady Glenwood of Orndale 38799	A	120	Apr	940.1	5.03	47.29	4068.4	195.70

WEIR, J. WATT, CORNWELL, S. C.

Anna Lee of Hickory Ridge 61887	B	16	Apr	557.7	3.96	22.08		
s. King George of Sunnyside 25469								
d. Flora of High Point 25902								
Flonnie of Hickory Ridge 82284	G	16	Apr	502.5	3.77	18.94		
s. Billy's Raymond of the Manor 25330								
d. Anna Lee of Hickory Ridge 61887								
Flossie of Hickory Ridge 82283	G	16	Apr	428.9	4.13	17.71		
s. Billy's Raymond of the Manor 25330								
d. Anna Lee of Hickory Ridge 61887								

WELLS, M. L., ROSENDALE, WIS. 1 day test.

Jedetta of Birchwood 39616	A	365	Apr	234.7	5.15	12.08	9149.9	396.39
Jennie Alfalfa 47698	A	305	Apr	471.2	5.68	22.05	7670.9	324.78
Johanna of Riverside 44495	A	347	Mar	574.2	4.30	25.26		
		365	Apr	338.1	4.40	14.88	10612.4	436.31
Klip of Ingalls Farm 46039	A	127	Apr	1079.3	4.85	51.86	4912.8	240.63
Lady of Birchwood 52208	A	9	Mar	297.2	4.11	12.21		
s. Dairymaid's King 12898 A. R.		39	Apr	1362.6	3.71	50.56	1669.8	62.76
d. Flora of Birchwood 27357								
Odella of Birchwood 82235	G	152	Apr	607.8	5.92	29.90	3240.7	149.33
Olympia of Birchwood 89997	G	143	Apr	614.6	4.70	28.89	3603.5	163.18
Opportunity of Birchwood 83361	G	22	Apr	771.4	5.05	38.96		
s. Star of Destiny 34708								
d. Lena of Birchwood 51825 A. R. 6102								
Princess of Birbhwood 86832	G	79	Apr	883.7	4.86	42.95	2391.6	114.74

WEST, WILLIAM R., NEW BEDFORD, MASS.

Fine Feathers of High Hill 73169	F	195	Apr	858.3	4.98	42.74	6160.7	302.71
Raymond VIII.'s France of Lewison 36505	A	224	Apr	797.3	4.63	36.91	6785.3	303.70

WHIPPLE, SHERMAN L., THE FORGES FARM, PLYMOUTH, MASS.

Daisy's Altamont 61423	C	83	Apr	1013.5	4.63	46.93	2965.2	138.07
Donnington Frisky 3d's Mary 67957	E	309	Apr	632.1	6.10	38.56	7827.0	407.52
Golden Girl of The Forges 54736	B	268	Apr	702.8	6.25	43.93	7272.9	414.17
Stella's Best 67955	D	112	Apr	698.9	5.04	35.22	2834.5	141.81
Wild Rose of The Forges 70863	E	236	Apr	719.4	6.19	44.53	5785.8	341.51

WHITAKER, M. L., KATHERGAY FARMS, FULTON, N. Y.

Imp. Donata 5th of Warren Wood 45953	A	144	Apr	1174.2	4.36	51.20	5898.5	237.93
Enola's Edith 58003	B	159	Apr	1144.9	5.61	64.23	6306.2	325.71
Hallie's Sweet Lois 45393	A	95	Apr	1034.2	5.14	53.16	3524.2	167.06
Kathergay Aster 71407	D	3	Mar	112.1	4.66	5.22		
		33	Apr	1368.3	4.66	63.76	1480.4	68.98
Kathergay Chrysanthemum 82032	G	9	Mar	189.1	4.92	9.30		
		39	Apr	710.7	4.92	34.97	899.8	44.27
Kathergay Rose 60990	C	180	Apr	1027.3	5.58	57.32	7058.9	350.16

WHITE, GEORGE M., GAYHEAD GUERNSEY FARMS, FREEHOLD, N. Y.

Princess Ultra Grace 67269	E	260	Apr	1003.5	5.35	53.69	10775.9	532.21

WHITNEY, C. L. A., WYEBROOK FARM, LOUDOUNVILLE, N. Y.

Buttercup's Viola of Springside 89172	A	90	Apr	1822.8	4.17	76.01	5499.3	209.03
Dottie of Waldorf Farm 67134	A	21	Apr	1020.8	4.54	46.34		
s. Yeoman's King of the May 17053 A. R.								
d. Thirty Thousand Eight Hundred Sixty 30860 A. R. 7128								
Imp. Wyebrook Moss Rose 71010	F	88	Apr	1164.8	4.08	47.52	3361.6	129.46

From the Guernsey World

Reality of the Lonesome Pine 48331, Karlton Farms, 275

Bertolette's May Rose of Anna Dean Farm 59179, Rice & Chisholm, Harmonsburg, Pa. 500

May Day Suffragette 46450, George W. Barrett 140

May Moonlight Coquette 46169, Ira C. Keller, Prospect, Ohio 215

Imp. Christine of Courtil de Bas 28495, George W. Barrett 100

Imp. Jessie of Anna Dean Farm 46898, B. F. Sheridan 180

Imp. Sequel's Queen Charlotte 28508, Alfred Morawetz 305

Spotswood Daisy's Belle of A. D. F. 80643, Marjorie Hompe 425

Spotswood Daisy's Stella of A. D. F. 77544, C. L. Rogers, Peoria, Ohio 300

Dreamy Eyes 47544, F. J. Rueping 360

Gay Lady of Anna Dean Farm 50820, George W. Barrett 120

Ferby's Daisy of Anna Dean Farm 80893, Marjorie Hompe 285

Ferby's Kathleen of A. D. F. 94582, H. N. Hegnes & Son 325

Ferby's Lady of A. D. F. 94587, Rice & Chisholm 300

Ferby's La Grande of A. D. F. 95492, R. H. Griffith 300

Princess Alberta of A. D. F. 72957, Columbiana County Infirmary, Lisbon, Ohio 95

Jehanna Chene 30889. C. Conkle 310

Princess of the Chene 30461, Harry W. Lewis 125

Imp. Fleurie XI. 28461, George W. Barrett 360

Imp. Rose II. of the Nicolles 28467, Frank W. Doran 160

Imp. Primrose of Anna Dean Farm 2d 51821, H. N. Hegnes & Son 420

Minnette's Hilda 45816, B. F. Sheridan 310

Conqueror's Tulip 33793, J. R. Rogers, Toronto, Ohio 445

Corinna White 6th 44701, H. E. Sinnock, Massillon, Ohio 105

Governor's Bertha of A. D. F. 86043, R. H. Griffith 260

Governor's Jardinette of A. D. F. 62104, Tilden Farms 250

Imp. Cora of Anna Dean Farm 46746, Tilden Farms 230

Imp. Julia of Anna Dean Farm 3d 46748, Alfred Morawetz 380

WICHERN BROS., KIRKWOOD STOCK FARM, BARABOO, WIS.								
Helen of Kirkwood Farm 98150	G	89	Apr	508.5	4.33	22.02	1586.7	69.08
Lauretta of Lynnhurst 51773	A	185	Apr	680.4	6.33	43.07	4659.5	289.44
Marie of Kirkwood Farm 88709	F	232	Apr	605.9	4.74	28.72	5105.8	237.12
Pearl of Hickory Grove 53299	A	90	Mar	990.7	5.59	55.38		
		120	Apr	945.9	5.60	52.97	3664.3	201.00
Robine's Ita 43225	A	243	Apr	689.9	5.70	39.32	6941.6	400.29
WILKINS & HILL, PLATTEVILLE, WIS.								
Belle's Hope of Hillside 77784	G	335	Apr	442.4	5.26	23.27	5702.1	280.90
Imp. Duchess IV. of Mt. Plaisant 49518	A	209	Apr	828.1	6.09	50.43	6984.7	368.56
Imp. Mary of Mapleleaf 52051	A	260	Apr	813.4	5.17	42.05	7229.3	345.37
Rosy's Etta of Hillside 63115	C	132	Apr	1001.8	4.87	48.79	4679.4	213.53
Rosy's Pride of Hillside 78666	G	365	Apr	736.7	5.36	39.49	7825.5	399.80
WINKE, HENRY, HICKORY GROVE FARM, PORTAGE, WIS. 1 day test.								
Cecilia of Hickory Grove 66902	D	12	Apr	241.7	4.91	11.87		
s. Lady's Increase of Breeze Hill 27735 A. R.								
d. Etna 23530 A. R. 7160								
Empress of Hickory Grove 81589	G	93	Apr	523.0	5.72	29.92	1637.5	90.51
Irena of Hickory Grove 84368	G	14	Apr	313.4	4.48	14.04		
s. Governor of Prairie Ranch 40041								
d. Fanna of Hickory Grove 57606								
Ives of Hickory Grove 55656	A	160	Apr	884.7	4.76	42.11	5462.9	250.26
Lady Nancy of Hickory Grove 82600	G	70	Apr	539.4	6.02	32.47	1239.7	65.74
Modena of Hickory Grove 70918	E	12	Mar	328.5	5.76	18.92		
s. Lady's Increase of Breeze Hill 27735 A. R.		42	Apr	887.0	5.76	51.09	1215.5	70.01
d. Maudester 25939 A. R. 7248								
Tilmay of Hickory Grove 70917	E	72	Apr	725.5	5.65	40.99	1863.0	98.44
WINSTON, J. O., SAUGERTIES FARM, SAUGERTIES, N. Y.								
Dora of Allen Farms 59745	B	138	Apr	1187.5	5.41	64.24	5653.8	309.00
Gayhead's Lady May 66898	E	365	Apr	672.8	5.68	38.22	10740.9	620.48
Imp. Violet of la Croute 48373	A	138	Apr	1372.5	4.51	61.90	6592.8	289.59
Winona of Beaver Ridge 72385	F	189	Apr	1182.8	4.64	54.88	7436.9	343.00
WINTHROP, BEEKMAN, GROTON FARMS, WESTBURY, N. Y.								
Daisha of Groton Farms 58704	B	17	Mar	787.5	3.04	23.94		
		47	Apr	1254.6	3.04	38.14	2042.1	62.08
Marjorie of Groton Farms 67309	E	168	Apr	483.9	5.44	26.32	3580.1	186.39
Miriam of Groton Farms 73662	F	168	Apr	609.6	5.53	33.71	3934.2	213.18
Winona of Groton Farms 53754	A	168	Apr	633.6	4.52	28.64	4355.6	188.05
WIRT, CHARLES E., CLOVER LAWN FARM, LEWISTON, MINN. 1 day test.								
Beauty of Clover Lawn 52238	A	226	Mar	798.3	5.56	44.39		
		256	Apr	782.7	5.49	42.97	7493.6	395.29
Bud of Clover Lawn 39077	A	149	Apr	1259.0	4.15	52.25	7292.3	283.64
Clover Lawn's Castle 81055	G	188	Apr	647.3	5.21	33.72	5046.1	234.38
Clover Lawn's Sky Lark 81052	F	185	Apr	873.7	4.54	39.67	6297.4	273.17
Masher's Bud of Clover Lawn 91027	D	31	Mar	1236.4	5.26	65.03		
s. Gloriana's King Masher 27645								
d. Bud of Clover Lawn 39077 A. R. 3817								
Masher's Dairy Maid of Clover Lawn 91026	D	190	Apr	849.9	4.79	40.71	6536.7	287.30
Masher's Milly of Clover Lawn 88554	E	165	Apr	867.9	4.88	42.35	5593.1	261.06
Pomeroy's Princess Amy 91689	E	209	Apr	649.6	4.90	31.83	5423.7	252.94
WISCONSIN, UNIVERSITY OF, MADISON, WIS.								
Madge of Ore Hill 67376	D	152	Apr	939.4	5.54	52.04	5247.3	268.11
WORONOAK FARMS CO., WESTFIELD, MASS.								
Adella of the Elms 30422	A	331	Apr	754.5	7.00	52.82	9940.6	639.60
Aviel of Hill Stead 66333	D	105	Apr	1210.4	4.66	56.40	4238.9	192.80
Imp. Melanie of Goodnestone 7th 45983	A	302	Apr	804.2	5.02	40.37	10338.8	468.05
Imp. Olive of the Ponchez 36390	A	105	Apr	1332.2	4.97	66.20	4979.4	225.54
WORRALL, C. W., SOUTHWOLD FARM, GOLDENBRIDGE, N. Y.								
La Charmante Princesse 65312	D	285	Apr	526.5	5.52	29.06	7130.6	362.97
Imp. May Lady X. 53562	A	76	Apr	678.8	4.86	32.99	1883.0	86.07
Norma of Elmwood 73693	D	90	Apr	759.8	4.50	34.19	2522.6	117.03

Imp. Kildarlie of Anna Dean Farm 50609, H. A. Ramsey, 215
Imp. La Grande of Anna Dean Farm 2d 51819, Clovernook Farm 450
Imp. Nelly IV. du Grand Fort 28427, George W. Barrett 175
Imp. Albany of Anna Dean Farm 46734, C. W. Biles, Randolph, Ohio 140
Imp. Nelly of Anna Dean Farm 46895, George W. Barrett 210
President's Honeymoon 39517, C. E. Seiberling 400
President's Jewel 39594, Rice & Chisholm 310
Cottina 21530, W. E. Wright 700
Imp. Duplicate of Anna Dean Farm 46739, A. J. Harris, Copley, Ohio 290
Daisy of Belle-Vernon 43312, Harry Lewis 260
Imp. Clipper of Anna Dean Farm, 47033, F. J. Rueping 1950
Cottie's Duchess 41688 George E. Spies & Son, Dover, Ohio 250
Lizzie of Anna Dean Farm 2d 48887, F. J. Rueping 400
Imp. Apple Bud of Anna Dean Farm 2d 52459, J. H. Hinchliff 180
Imp. Brehaut of Anna Dean Farm 2d 51822, Alfred Morawetz 240
Imp. Sea Belle of Anna Dean Farm 46725, George N. McCamon 80
Meranna Fleurie of A. D. F. 66105, D. D. Elliott 400
Pauline's Lass of A. D. F. 61884 Harry W. Lewis 230
Noble's Countess Cottie 33797, George W. Barrett 150
Imp. Prizewinner of A. D. F. 46733, Andy Hunt 80
Imp. Fanny of the Hall 28446, A. Velemiesor, Barberton, Ohio 115
Imp. Bonnie of Anna Dean Farm 46953, A. L. Sheldon 525
Imp. Floe V. of the Annevilles 27568, Ira C. Keller 215
Imp. Blanche Daisy II. 28431, Egyed Gaber, Copley, Ohio 80
Segrist's Primrose of A. D. F. 95490, C. C. Bolton 250
Imp. Bee Bee of Anna Dean Farm 46914, D. D. Elliott 225
Governess of the Chene 30891, Andy Hunt 120
Lette of A. D. F. 58580, F. J. Rueping 325
Liberty of Anna Dean Farm 74577, William Suader 135
Fairy of Anna Dean Farm 53215, Harry W. Lewis 340
Governor's Larkspur of A. D. F. 86047, George W. Spies & Son 200
Polly of Waveland 54440, C. E. Rummel 190
Cora Munroe 27459, Andy Hunt 90
Elizabeth's Beth of A. D. F. 58579, Andy Hunt 115
Goldseeker's Pauline of A. D. F. 95495, E. C. Fahrney 535
Daisy Rita of A. D. F. 99732, Harry W. Lewis 525
Daisy of Anna Dean Farm 2d 105496, J. F. Douthill 130
Heifer calf, Meredith R. Marshall 250
Heifer calf, Tilden Farms, 170
Heifer calf, Richard F. Klemm 325
Heifer calf, D. D. Elliott 350
Heifer calf, J. F. Douthill 120

From the Guernsey World

High Butter Fat Cow a Guernsey

I'm proud of my Guernseys. I hold the highest herd for butter fat in the cow testing association for May, and the highest cow this month made fifty-seven pounds in thirty days with ordinary care. I sold this calf for a good long price, and am going to put my cows on two day work soon.

—D. A. Snyder
Union County

Mara Alva Sale

The fourth semi-annual sale of Guernseys at Mara Alva Farm, owned by A. C. Ramseyer, Smithville, Ohio, was held on June 16, 1920. Eighty-seven Guernseys brought $28,250.00, an average of $324.71. Eighty-four females averaged $302.56, and the three bulls sold for $2000, $500, and $335 respectively, an average of $945. The $2000 bull, Lohier's Raider of Waddington 29314, was the highest priced animal in the sale. He is a six year old son of Imp. Border Raider 22243, and out of Imp. Lohier's Polly II. 33688, an Advanced Register daughter of Golden Noble II. 1836. W. H. Steffens, Sylvania, Ohio, and H. W. Wigman, Lansing, Michigan, were the two last bidders and the bull was finally struck off to Mr. Wigman of Michigan.

The eighty-seven Guernseys were purchased by thirty-five buyers, and among these who carried away the greatest number were D. D. Elliott, Wisacky, South Carolina; Alfred Morawetz, Milwaukee, Wisconsin; The Elkhart County Breeders' Association, Elkhart, Indiana; Karl W. Kain, Baxter Springs, Kansas; and W. J. Royer, Orrville, Ohio.

Mr. Ramseyer offered a fine lot of Guernseys, including many splendid cows. The average would undoubtedly have been considerably higher under more favorable circumstances. After forty-five animals had been sold a severe electrical and wind storm not only interrupted the sale, but also blew down the tent in which the cattle were being sold. Practically everyone of the buyers received a thorough wetting and it became necessary to clear out a space on the barn floor to complete the sale.

H. W. Wigman, Lansing, Michigan, was in the box, and Colonels Fred Andrews and Son, were the auctioneers. A list of the animals sold, together with the names of the purchasers and the prices paid, is given below:

Males

Lohier's Raider of Waddington 29314, H. W. Wigman, Lansing, Michigan	2000
Darl's Choice of Mara Alva 51764, Karl W. Kain, Baxter Springs, Kansas	335
Lee Raider of Waddington 29320, D. D. Elliott, Wisacky, South Carolina	500

Females

Rose of Maple Lodge 49381 W. P. Craig, Pittsburgh, Pennsylvania	490
Eloise of Two Oaks 61063, A. C. Schrock, Grantsville, Maryland	325
Inez Sukine of Avonlea 71282, Frank K. Norwood, Canton, Ohio	360
Goldseeker's Belle 73625, H. C. & E. B. McCamon, Lisbon, Ohio	325
Gulnare's Castelpolly 57815, Karl Michener, Orrville, Ohio	345
Rose Elberta of Sunnyslope 39022, H. W. Treat, Tallmadge, Ohio	325
Imp. Gulnare 22d 45982, H. J. Hall, Cortland, Ohio	480
Raider's Beauty of Guernsey Home Farm 98203, D. D. Elliott	295
King's Beauty of Melrose 47051 Alfred Morawetz, Milwaukee, Wisconsin	500
Shamrock's Dorothy Diamond 45032, Emmet Steiner, Orrville, Ohio	425
Alma's Beauty 102156, Fred Floding, Leetonia, Ohio	300
Zelma's Queen 102154, Tilden Farms, Delavan, Wisconsin	300
Red Sequel 70919, Alfred Morawetz	525
Martha W. of Willowdale 52851 D. D. Elliott	390
La Bellie Torrey of Woodcrest 91679, W. H. Steffens, Sylvania, Ohio	300
King's Polly Ann 55118, John V. Hang, Canton, Ohio	350
King's Pearl 73624, D. D. Elliott	300
Polly's Queen 90202, Karl W. Kain	240
King's Polly Ann Bell 90203, W. J. Royer, Orrville, Ohio	260
Imp. Catherine of Guernsey Home Farm 74124, Tilden Farms	395
Glenwood's Jewel of Arcady 40935, Alfred Morawetz	235
Valley View Kittie 49159, A. C. Schrock	310
Beatrice of Walnut Glens 2d 59488, H. J. Hall	650
Holliston's Nancy 2d 42954, Paul Love, Garrettsville, Ohio	300
May of Scenery Hill 73276, R. H. Libbs, Stony Ridge, Ohio	335
Cold Brook's Rhea's Marion 43344, Alfred Morawetz	560
Galaxy's Uneete 51042, Tilden Farms	275
King's Butter Girl 71586, H. C. & E. B. McCamon	350
Viola of Cedar Lane Farm 55000, J. F. Douthill, Dover, Ohio	325
Marjorie of Village View 98383, Samuel Hertel, Van Wert, Ohio	275
Lena of Village View Farm 72918, Samuel Hertel	500
Cleora of Village View 104435, H. Treat	200
Butter Girl of Village View Farm 92101, Karl W. Kain	280
Betty Jane of the Village View Farm 84676, W. J. Royer	425
Princess Alfa of Village View 104434, Elkhart Guernsey Breeders' Association, Goshen, Indiana	185
Lillie of Oakwood 53825, Frank K. Norwood	500
Gold Bloom's Bessie of Mara Alva 90175, J. F. Douthill	200
Odessa of Merryvale 99445, Elkhart Guernsey Breeders' Association	200
Beauty of Lone Oak 99326, C. D. Schlabach, Lake, Ohio	175
Lady of Evening Shade 2d 97126, Elkhart Guernsey Breeders' Association	245
Lady Simon's Violet 94642, C. D. Schlabach	200
Mayflower of two Oaks 25681, J. A. Todd, Columbiana, Ohio	250
Marshall's Madge 58963, Alfred Morawetz	400
Rello of Demingdale 84764, Karl W. Kain	260
Wyona of Willow Brook 88664, Karl W. Kain	300
Kathleen M. of Bon Ayre 94644 Karl W. Kain	270
Edith of Willow Brook 88666, Kar. W. Kain	300
Honoria's May of Guernsey Home Farm, D. D. Elliott	350

GREEN COUNTY GUERNSEY PICNIC AT THE FARM OF GEO. M. WHITE, FREEHOLD, NEW YORK, SATURDAY, JUNE 19, 1920

Raymond's Laura 80340, J. F. Douthill 280
Lady Clare's Daisy 85606, Karl W. Kain 295
Raider's Primrose of Guernsey Home Farm 98851, H. C. & E. B. McCamon 315
Viola of Evening Shade 97125, Elkhart Guernsey Breeders' Association 245
Bonnie's Grace 100218, Elkhart Guernsey Breeders' Association 225
La Myra's Duna 64753, J. A. Todd 305
Rose King's Sequel 92774, Karl W. Kain 310
Milford's Gem 88400, Emmet Steiner 215
May King's Rapid Transit 80778, Karl W. Kain 220
Daisy Sunbeam of Sidling Hill Farm 98926, Elkhart Guernsey Breeders' Association 300
Jessie N. Torrey 89239, Karl W. Kain 280
Imp. Mignonne of Les Godaines 95274, Forest Schafer, Van Wert, Ohio 365
Mercy Argie 34026, Emory C. Schrop, Flanagan, Illinois 175
Imp. Minerva of Mara Alva 69451, H. C. & E. B. McCamon 325
Richesse of Keewaydin 53319 Alfred Morawetz 330
Donice of Camp Run 58231, J. Ross Karr, Fredericksburg, Ohio 205
Lizette Idalie 64522, Jessie H. Hurdle, Huntington, Indiana 255
Hazel Brook Golden Duke's Sequel 44833, W. J. Royer 530
Lillian of Middlerun Farm 60761, Daniel Ramseyer, Smithville, Ohio 375
May of Guernsey Homestead 86751, Harry H. Johnson, Shreve, Ohio 175
Marie of Guernsey Homestead 86750, Harry H. Johnson 175
Katisha of Bon Ayre 94643, W. J. Royer 210
Adele of Daintywood 99446, Elkhart Guernsey Breeders' Association 225
Lohier's Nancy of Guernsey Home Farm 100399, D. D. Elliott 245
Bel Air of Guernsey Home Farm 100398, D. D. Elliott 245
Lohier's Richesse of Guernsey Home Farm 102288, D. D. Elliott 245
Momo of Woodcrest's Beauty 88250, D. D. Elliott 285
Anne's Beauty of Mara Alva 102234, W. J. Ramseyer, Smithville, Ohio 355
Snowball's Snowdrop 84175, J. S. Yoder, Wooster, Ohio 325
May of Cress Lawn 71116, W. J. Royer 275
Hazel Brook Sequel 2d of Mara Alva, W. J. Ramseyer 140
Oakwood's Lilly of Mara Alva Elkhart Guernsey Breeders' Association 160
Viola May of Mara Alva, A. J. Shisler, Smithville, Ohio 185
Theada of Mara Alva, W. J. Ramseyer 150
Heifer calf, W. S. McBane, East Liverpool, Ohio 150
Lot 12½, Elkhart Guernsey Breeders' Association 225

Maple Leaf Guernsey Sale

The sale of Maple Leaf Guernseys, owned by J. B. Helmuth of Millersburg, was held on Maple Leaf Farm on June 14, 1920. Seventy-two Guernseys were sold for $16060, an average of $223. The sixty-three females averaged $245.70, and nine bulls, including several bull calves, averaged $64.50.

Colonel Fred W. Andrews and Son were the auctioneers.

The list of animals sold, together

From the Guernsey World

with the names of the purchasers and the prices paid, is given in the following list:

MALES

Murne's Cowan of Maple Lawn 55000, Karl W. Kain, Baxter Springs, Kansas $140
Bull calf, W. R. Finley & H. C. Logsdon 80
Bull calf, W. A. Barnes, Granville, Ohio 100
Bull calf, Irvin Sevits, Danville, Ohio 85
Bull calf, E. D. Miller, Millersburg, Ohio 20
Bull calf, Albert Miller, Millersburg, Ohio 35

FEMALES

Rose of Bath 70604, W. J. Royer, Orrville, Ohio 655
Governor's Favorite Rose 95619 W. A. Barnes 500
Goldmead's Ultra Beauty 81920 W. J. Royer 665
Goldmead's Silver Star 102076, W. A. Barnes 305
Galaxy's Fawn 95720, W. A. Barnes 290
May King's Adria 97220, Karl W. Kain 285
Jeweller's Dot of Valevue 67477, W. J. Royer 370
Mabel Glenwood of Edgemont 41913, W. J. Royer 245
Zenobia of Cortland 80777, Karl W. Kain 245
Kremo's Kloe 32350, A. S. Hartzler, Orrville, Ohio 200
Queen of Fairhill 38428, L. L. Hoffert, Tiffin, Ohio 190
Queen of Orchard Springs, C. D. Schlabach, Lake, Ohio 190
Select of Orchard Springs 2d, H. J. Hall, Cortland, Ohio 225
Rosette of Crystal Creek 37969, F. D. Jones, Lakeville, Ohio 400
Imp. Carna of Bourg View 77328, H. J. Hall 260
Golden Fawn Myrtle Spillers 75425, H. J. Hall 325
Blossom of Crystal Creek 71679 Sam Frey, Plain City, Ohio 375
Glenwood's Blossom of Bath 102727, Sam Frey 225
Lily of Midvale 32132, Joe C: Schrock, Flanagan, Illinois 200
Lily's Pride of Maple Lawn 58408, H. S. Yoder, Grantsville, Maryland 400
Marie Lee of Avon 64077, H. J. Hall 225
East Sparta, W. J. Royer 335
Rose of Anglemont 2d 96533, W. J. Royer 215
Rosette of Anglemont 96534, M. Steiner, Orrville, Ohio 225
Cottie's Beauty 2d 96532, J. S. Yoder, Wooster, Ohio 215
Tacie Irene 42153, N. E. Stambaugh, North Canton, Ohio 150
Dottie D. of Bon Ayre 52906, Roy C. Conrad, Millersburg, Ohio 180
Daisy of Kinsman 50844, L. L. Hoffert, Tiffin, Ohio 205
Polly Weigle of Red Barn Farm 55802, W. J. Royer 200
Spotted Rose 27764, C. D. Schlabach 245
Goldie's Surprise 44837, L. J. Schrock, Grantsville, Maryland 195
Annetta Bell's Beauty 56133, A. C. Schrock 260
Zellemma Pride 84737, Karl W. Kain 315
Favorite of Maple Lawn 105002 A. S. Hartzler 365
Alice Joyce of Maple Lawn 105006, S. W. Sevits, Walhonding, Ohio 200
Fancy Pearl 105004, H. J. Hall 210
Spottie Lass 105007, S. B. Frey 140
Lady Murne of Maple Lawn 105005, A. D. Miller, Millersbury, Ohio 205
Polly Fenimore 92036, S. B. Frey 195
Pride of North Canton 97958, C. A. Vance, Lakeville, Ohio 245
Henryetta's Blue Bella of Mara Alva 74155, Miller & Syler, Baltic, Ohio 330
Henryetta's Blue Belle of Mara Alva 74156, Miller & Syler, Baltic, Ohio 330
Miss Maine's Daughter of Mara Alva 85943, Karl Michener, ner, Orrville, Ohio 200
Heifer calf, C. Conkle, Layland, Ohio 150
Heifer calf, W. J. Royer 115
Cow, A. C. Schrock 175
Heifer calf, J. S. Yoder 100
Heifer calf, W. A. Barnes 325
Heifer calf, H. J. Hall 225
Heifer calf, C. D. Schlabach 155
Heifer calf, H. J. Hall 260
Heifer calf, Harry H. Johnson, Shreve, Ohio 115

Village Farm Guernsey Auction

The Ohio Guernsey Sale circuit was completed at Village Farm, Cortland, on June 19 with a very satisfactory sale—eighty head averaging nearly $300, this including bull calves and all. Over half of the sale being composed of young stuff, which sold at very good prices as they were in nice condition and all bred along May Rose lines.

The sons and daughters of May King's Laddie of Chilmark 32065,—a son of Itchen Daisy's May King of Langwater 17349 and main herd sire at Village Farm,—were in keen demand as several daughters of this bull are now on test and going strong.

The sale was held on the top floor of the new barn at Village Farm, with Colonel Andrews and Son of New Philadelphia and Colonel Oliver Johnson of Tipton, Iowa, the auctioneers, and Mr. Steiner of Orrville having charge of the pedigrees.

The day was ideal, and buyers were present from Indiana, Pennsylvania, New York, Michigan, Carolina, Virginia, Arkansas and Ohio.

The Village Farm herd will be composed of mainly Advanced Register cows for the next year, several of these being imported. These and a few select daughters of May King's Laddie of Chilmark 32065 will be bred to the two May Rose bulls being used there, and keep in mind that June 1921, will see a sale of real cattle at Cortland.

—H. J. HALL
Trumbull County

Oregon

Coos County Gets Fine Guernsey

Yeksa Snowdrop's Khedive of Rose City 62988, a nine months son of Langwater Khedive 51925, was sold by W. A. Goodin of Cornelius to the Coos County Farm, June 16, to head the herd of young heifers which they imported through the State Guernsey Association.

Yeksa Snowdrop 38650, the dam of the young bull, has just completed her eighth month with over 600 pounds of butter fat, and will without accident make over 800 pounds. She is a typy individual of characteristic Yeksa breeding, from a daughter of Rinaldo 8917, that has three daughters with over 600 pounds, and her dam has a record of 8570.7 pounds of milk and 475.16 pounds of butter fat. Both grandsires are proven sires and carry large amounts of the Yeksa and Imp. King of the May 9001 breeding.

The reported sale price is $750.

This is the second Guernsey bull to have ever been brought into Coos County, but with such production performance behind him more should be heard from Guernseys in Coos during the future.

—CHESTER C. FARR

Voget Sells Many Guernseys

We are in receipt of a letter from L. P. Swoveland, Willshire, Ohio, stating that the calf, Calypso's Duke 63557, had arrived in good shape, and expressing himself as well pleased with the individual. We believe that this is the first Guernsey to be shipped from this state to a point east of the Mississippi River, and this order is a forerunner of others for the Guernsey breeders of the Pacific Northwest are determined to make this country as well known for its Guernseys as it is now for its Jerseys. Calypso's Duke 63557 is sired by that great bull Yeoman's King of the May 17053, and his dam is a daughter of Duke of Waumesit 13480 that has two daughters in the Class Leaders of AA; one, Duchess Ruth 47060 leading her class with a record of 850 pounds of butter fat.

We would also like to mention the following sales: Calypso's Yeoman's Equal 62844 to Herman Faber of Oak Harbor, Washington; and Calypso's Valentine 63559 to Ralph Engle of Coupeville, Washington. Both these gentlemen belong to the Island County Guernsey Breeders' Association that two years ago bought a carload of foundation stock from the Clackamas County Guernsey breeders. They wish to intensify the blood of Yeoman's King of the May 17053 and Langwater Demonstrator 16451, their present herd sire being a son of the latter; and both of the above mentioned calves being sired by Yeoman's King of the May 17053.

We have also sold Calypso's Prince 63558 by Yeoman's Mixter May King 42714 and out of Mixter Diana 73203 —a double grandson of Langwater Demonstrator 16451—to J. P. Howell of Rice, Washington. We understand that there are several breeders interested in Guernseys in that community, and they are to be congratulated for making this selection.

—WHALLEY & VOGET
Marion County

Pennsylvania

Bucks County Breeders Meet

Bucks County Guernsey Cattle Association held their annual meeting on Saturday, June 19, at the farm of William F. Fretz, Pipersville. The breeders from the various parts of the county were well represented, with a number of interested visitors present among which were two of the presidents of our National banks of the county, with a number of bank directors.

The officers of the banks realize that interests and success of the farmers are also to the interest of a bank in the community, and the farmers are beginning to realize that in the breeding of pure bred cattle there is an opportunity for greater income. This fact was clearly demonstrated to all present when the beautiful herd of fifty pure bred Guernseys was carefully inspected, all of which were raised on the farm within the last eight years.

The cows in milk are practically all in the Advanced Register with creditable records. The herd has successfully passed the federal and state tests and is now an accredited herd, the first in Bucks County.

This herd was established about fifteen years ago. Many foundation herds have gone out from this Bucks County herd to all parts of the United States. When the famous Waukesha County Guernsey Association of Wisconsin was started about 1908 a selection from this herd was made for their foundation herds. A little later the Fox River Valley Association, also from this state, made several shipments from this herd for their foundation herds. About 1912 Ohio began to form associations and become actively engaged in breeding Guernseys, and several carloads were shipped from this herd and distributed among the farmers of Ohio. Within this short period these states have grown into real Guernsey centers.

The morning was spent in inspecting the herd. It was a beautiful sight when Frank Rose 26342, the senior sire of Fritzlyn herd, was led out with five of his Advanced Register daughters; the eldest five years old—that has produced four heifers, three of which are in the herd. She has an Advanced Register record in the Roll of Honor class as a two year old and is again on test producing about sixty-five pounds of butter fat per month.

The daughters of Frank Rose 26342 are all of one type, good size, straight top line, with beautiful udders; and every daughter tested has proved to be better than her dam, which is after all the best proof of a good sire.

The junior sire, Florham Charter 37852, is a son of the noted Ne Plus Ultra 15265, whose daughters have completed thirty-three Advanced Register tests which average 10710.9 pounds of milk and 547.13 pounds of butter fat. Five of his sons have recently been sold for $79,500, or an average of $15,900 each. Three of his daughters sold at the Florham Farms auction in May for $17,900, or an average of $5967 each. Florham Charter 37852 being a half brother of these noted animals, much is expected of him. However, if one may judge by the appearance of his twelve daughters in the Fritzlyn herd he will keep up the high standard set for him. None of his daughters have freshened yet, but they show wonderful udder development, good size, and dairy type. They will no doubt do their share in putting Bucks County Guernseys to the front.

The members and visitors were then conducted to a small grove in the center of the farm where lunch was served, after which the business session was held. The following officers were elected: President, W. W. Hurley, New Hope; Vice-President, Paul Woodman, Rushland; Secretary, William F. Fretz, Pipersville; Treasurer, H. W. Comfort, Fallsington; Executive Committee, Amos Bryan, Perkasie.

—WILLIAM F. FRETZ, Secretary

Stockdale Farms Use Fibre Milk Bottles

We have recently received from Stockdale Farms of Lebanon a fibre milk bottle. This milk bottle is oblong in shape, and the fibre is coated with a heavy coating of parafine. One side of the container shows the picture of the buildings at Stockdale Farms, and the other sides contain advertising material. The Stockdale Farms wish to hear from anyone who has had experience with this form of milk bottle.

—LEBANON COUNTY

Allegheny County Organizes

We are putting into practice our belief that livestock is the foundation of agriculture by interesting as many farmers as possible in pure bred stock. In the past we have devoted considerable time in assisting farmers in securing pure bred Holstein-Friesian cattle. One of our latest projects which is working our successfully is the organization of a County Guernsey Breeders' Association in the Sewickley district. Eight farmers are combining in this project to secure forty head of imported Guernseys, using one of the best bred calves in Pennsylvania as a community bull.

From the Guernsey World

We are looking forward to the date when we can attract buyers, since the foundation has been made for shipping some good cows capable of making high records. We have sent a man to the Isle of Guernsey who is now purchasing the cows. The Foot and Mouth disease in England has worked against us to the extent of holding up shipment, but we believe they will soon come through without further delay.

—N. S. GRUBBS, County Agent

South Carolina

Oakwood Stock Farm Herd Passes Fourth Test

We beg to announce that our Oakwood Stock Farm herd has recently passed its fourth federal test without a reactor.

—ANDREAS WESTERGAARD
Lee County

Vermont

Vermont Guernsey Breeders' Association Second Annual Consignment Sale

MALES

Brookside's Busy Bee 63889, H. E. Olmstead, Greensboro, Vermont	$160
Mythop's Golden Cherub of Appletree Pt. 62236, George E. Bassingthwaighte, Stafford, Vermont	95
Glenwood's Bob 64871, Arthur Carter, Knowlton, Canada	100
Mattie's Twinkle 61862, W. A. Woodard, Waterbury Center, Vermont	70

FEMALES

Busy Bee's Lassie 103829, F. J. Nutting, Brandon, Vermont	265
Ottilie's Jewel of Brookside 104828, F. E. Farmer, St. Johnsbury, Vermont.	265
Winona's Dolly of Brandon 103923, C. A. Dodge, Barre, Vermont	180
Inez of Buena Vista Hill Farm 69702, Mark H. Moody, Waterbury, Vermont	260
Green Meadow Velvet 45686, F. A. Houghton, Lyndonville, Vermont	225
Bride of Hilltop 35582, R. Este. Fisher, Bolton Center, Canada	215
Betty K. of Highland Croft 45815, R. Este Fisher	325
Ruette's Favorite of Appletree Point 96716, Mark H. Moody	160
Vermont Rose 53906, Ned A. Kaiser, Craftsbury, Vermont	265
Winnisquam Lesbia 75743, D. H. Skinner, Waitsfield, Vermont	240
Winnisquam Theresa 104518, D. H. Skinner	250
Heifer, R. E. Fisher	325
Heifer, T. R. Phillips, Montpelier, Vermont	170
Heifer, F. E. Farmer	265

Vermont Guernsey Breesers' Association Meeting

On Tuesday, June 15, several hundred of the breeders and admirers of the Guernsey gathered at Mark H. Moody's farm, near Waterbury. Arrangements had been made for the picnic dinner on one of the many pretty spots along the banks of the Winooski River, right under the shadows of the well-known mountain, Camel's Hump.

After dinner a short program was carried out. Secretary Caldwell was called on first and spoke briefly of the new phases of the Extension work which are to be undertaken in the hope of advancing the Guernsey interests. He was followed by Mr. McDowell, of the United States Department of Agriculture in Washington, who spoke of the value of the cow test work in banishing the scrub sire and in advancing dairy production. He predicted that the slogan "Scrub Free Territory" would soon be energetically put forward. Honorable Sydney Fisher, President of the Canadian Guernsey Breeders' Association, and Vice President of THE AMERICAN GUERNSEY CATTLE CLUB, was called upon and exchanged the greetings of the Canadian breeders in a very pleasant manner. Professor Bradley of the Extension Service of the University of Vermont, spoke of the work that is being done in the local surveys along the dairy line throughout Vermont, and especially of the value of the community dairy committee, composed of local workers, to the general advancement of the dairy interests of the state. Dr. DeFosset of the State Veterinary Bureau commented on the great percentage of Guernsey herds which had been added to the accredited list in the state of Vermont. He said that he felt confident that there was a smaller percentage for reaction of tuberculous cattle among the Guernseys in Vermont than of any other class. He urged a nation-wide-free-from-tuberculosis campaign.

Announcement was made of the joint meeting of the Vermont and New York Guernsey Breeders' Associations, to be held at Suburban Farm, the home of James H. Seaman, Glens Falls, New York.

Following the talking there was an auction sale of Guernseys, which has been otherwise reported in the JOURNAL.

Wisconsin

St. Croix County Guernsey Breeders Meet

The annual show and picnic of the St. Croix County Guernsey breeders was held on the shores of Twin Lakes at Roberts, June 25.

The weather was cloudy, but in spite of the unsettled weather over 200 Guernsey enthusiasts were present from all over the county. There were about twenty-five fine Guernsey cattle shown, and they were a fine lot to see. The exhibitors were O. R. Schwalen, Lloyd Rundell, Robert Graham, and George Graham & Son.

George McKerrow of Pewaukee acted as judge of the cattle and gave the principal address of the day. The special features of the occasion were a student's judging contest, a ladies' judging contest, and a judging contest.

A class of bulls was judged before a bountiful picnic dinner. After the students had judged the above class, Mr. McKerrow placed the entries and gave his reasons for so doing. First place went to Robert Graham's bull, Imp. Sylph's Sequel II. 31081, an outstanding son of Imp. Clara's Sequel 29414; second to Langwater Good News 51714 owned by O. R. Schwalen; third place to Ultra Francis of Oakhurst 38175 owned by George W. Graham & Son.

During the dinner, and at intervals during the afternoon, the Roberts Military Band enlivened the program with their playing.

Aged cows were the first class to be judged after dinner. They were a very close, uniform class, and taxed the abilities of the student judging teams. First place was given Imp. Annie Laurie of Linwood 51572 owned by Lloyd Rundell; second to Janette of Graham's Dale 79410 owned by Robert Graham; third to Lassie's Iowa Dairy Girl 28776 owned by O. R.

Schwalen; fourth to Dairy Girl's Bonnie of City View 68950 owned by O. R. Schwalen.

The next was a class of yearling heifers. Three of them were of the same breeding and showed a remarkable uniformity of type. It was hard to choose between them. They were placed as follows: Early Rosebud of City View 99033; Bonnie's Dairy Girl of City View; Lady Carteret of City View 105180; the three owned by O. R. Schwalen. Fourth place was given to Katherine of Grahamdale 90141 owned by Robert Graham.

Five high schools entered teams in the judging contest. The awards were as follows—Roberts 718 points; New Richmond 671; Milltown 656; Osceola 578; and St. Croix Falls 568 points. The highest possible number of points obtainable was 900. Roberts having the highest number of points wins the cup this year.

The ladies judged two classes, one of aged cows and the other of yearling heifers. The prizes for this contest were contributed by the business men of Roberts. First prize was won by Mrs. R. O. Hargrave; second by Mrs. F. D. Ash; and third by Miss Esther Hargrave.

The guessing contest on the milk production of a cow shown on the grounds, with a prize of $5 evoked much separation, and was won by Magnus Jepson of Milltown.

Mr. Hargrave acted as chairman of the formal program and introduced the following speakers: Professor May of River Falls Normal; and George McKerrow. Professor May spoke on the history of the River Falls stock show. It was started eight years ago. The first year there was only one Guernsey animal shown, while this year forty-four Guernseys were exhibited. Plans are made for the construction of permanent buildings in River Falls in which to hold future shows and sales.

Mr. McKerrow spoke on the merits of the Guernsey cow. He emphasized the fact that the individuality as well as the pedigree of the animal ought to receive due consideration in selection of foundation stock. In conclusion Mr. McKerrow urged the more liberal use of dairy products in the farm homes.

—R. M. Graham

Herd Sire for Fahrney Farms

B. F. Sheridan of Fond du Lac has just sold a splendid herd sire, Timro of Fond du Lac 57949, to the Fahrney Farms, Oshkosh. This young bull, fifteen months old, is a son of Emma of Fond du Lac 70154, seventh in class GG with a record of 12045.7 pounds of milk and 553.07 pounds of butter fat. She is now on retest never having been dry, and is bred for the double E class. During the first three months o her retest she produced 170 pounds of butter fat.

Timro of Fond du Lac 57949 is sired by Jessie's Hero 25711, the herd sire in the J. H. Beirne herd at Oakfield and the best son of Imp. Golden Hero of l'Etiennerie 12647. The sixteen nearest dams of Timro of Fond du Lac 57949 average 608 pounds of butter fat, and all these records with the exception of three were made in Fond du Lac County.

Manager A. Pommeraning of the Fahrney Farms selected this young bull as a herd sire after a long quest for an animal of sufficient breeding and individuality to head his splendid herd. He will be mated with some very desirable heifers, which were bought at the Anna Dean sale recently.

The Fahrney Farms paid $1000 to Mr. Sheridan for Timro of Fond du Lac 57949, making the second grandson of Eminent of Sarnia 32963 to leave Mr. Sheridan's herd at that price or more.

—E. M. Jenison
Winnebago County

Waukesha County Guernsey Breeders' Association Enioy Annual Meeting at Waukesha Stock Farm

The Annual Summer Meeting of the Waukesha County Guernsey Breeders' Association took place the first day of July at the beautiful farm home of F. E. Fox, Waukesha, Wisconsin. In spite of threatening showers 300 members and friends gathered to proffer respects to the Guernsey.

The morning was given over to the inspection of the excellent herd of Mr. Fox. Many fine individuals are owned at Waukesha Stock farm, some of those attracting considerable attention were:

Bess of Sharon 69079 A. R. 6953, with the fine record of 13496.2 pounds of milk and 658.89 pounds of butter fat, made as a senior two year old, placing her tenth place in class F.

Florestine's Triumph 43846 A. R. 4350, is another Class Leader, having record of 10409.2 pounds of milk and 599.46 pounds of butter fat as a four year old, placing her seventh place in class AA.

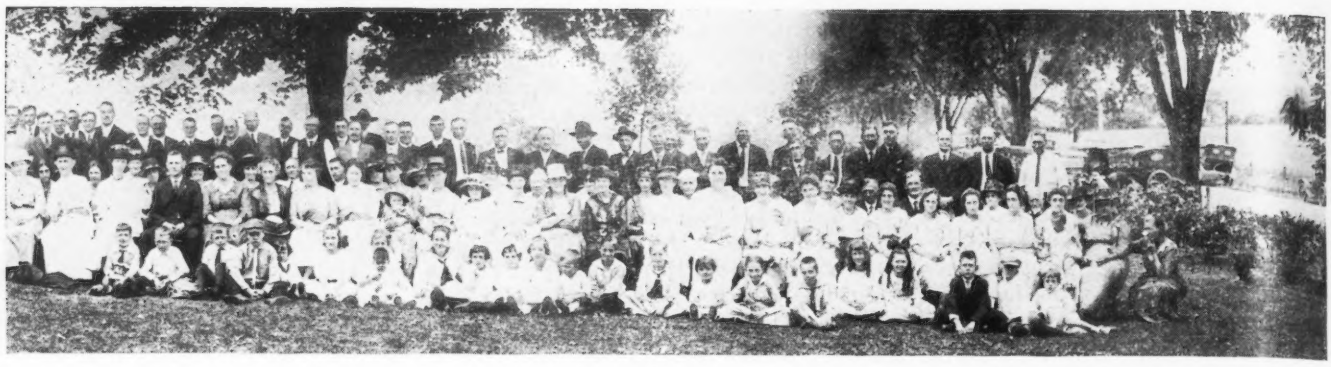
Sonack of Hillstead 29734 A. R. 7576, is a fine large matured cow, very well built, and has an Advanced Register record of 15051.7 pounds of milk and 674.19 pounds of butter fat. She was senior and grand champion, Wisconsin State Fair, and Waukesha County Dairy Show, 1919.

At the business meeting, which immediately followed the banquet, reports were made by Secretary Fox, which included a report of business transacted through the office of the Secretary of the Association. Total sales since the first of March aggregated approximately $80,000, which included the Annual Consignment sale. In this four months period, 354 Guernseys, including pure breds and grades were shipped to various parts of the United States including all sections from New Jersey to Louisiana, and from Missouri to Colorado and Kansas.

A. J. Glover, Editor of Hoard's Dairyman, Fort Atkinson, Wisconsin, in an address delivered before the members, discussed the question of "Farm Bureau and its Value" to farmers in every community. Many farm organizations had failed due to the individual farmers themselves, who failed to support the organization and that the farm bureau is one that the farmers can support, as they receive its benefits. Bankers, merchants, railways, industrial concerns are organized for their benefits, while the farmer has been the last to organize to improve his conditions.

The Farm Bureau was not organized to establish a monopoly or exercise any influence in politics. One of the finest characteristics of the Farm Bureau is the fact that no member can accept a political office, unless he resigns his membership. No person can become a member of the Bureau unless he is a land owner, or renter, or tenant on a farm. Therefore no one but the persons concerned, has anything to say regarding the organization. Of the $10 annual dues, $0.50 are directed to the national field, $2 for the state organization, and the balance, $7.50 remains in the County where it is used to benefit the people paying the amount.

Farm Bureaus can be of great assistance to their members by purchasing material such as fertilizers for the land in the form of phosphorus, potash and limestone. Through co-operation, better markets can be obtained for produce. An instance of this was related by Mr. Glover regarding the pea canning industry of Wisconsin. Immediately following the canning season, many producers are forced to sell their peas at a very low price due to accumulating wages and other bills that must be paid, the market is



Meeting of Waukesha County Guernsey Breeders' Association at the

From the Guernsey World

overflowed, prices consequently decline, and the farmer loses. If the farmers would cooperate, the produce could be put in warehouses and kept there until the market was in a normal condition, and prices would be received that would insure a profit to the farmer.

Mr. Glover also advocated the use of farm products on the farm. Many people residing in rural districts patronize the town store buying oleomargerine and nut butters of various descriptions, and take the produce received from milk and cream and sell it, instead of keeping part for home consumption. He heavily scored such parties who did not know the great food value of the product they had, but did not use.

Professor Geo. C. Humphrey, of the University of Wisconsin, Madison, Wisconsin, discussed the various phases of breeding cattle that would ultimately establish a higher and better class of pure breds. "Those who see and appreciate the extraordinary opportunities and who do the extraordinary things as Waukesha County has been doing, have the satisfaction of seeing their efforts crowned with a high degree of success and of gaining rewards that are truly worth while.

"The appreciation of the pure bred Guernsey cattle industry has apparently grown and kept pace with the supply of cattle in a manner to create for a healthy Guernsey cattle trade depending largely upon keeping up a demand and producing the kind of cattle that will satisfy it. This will involve organized community effort supported strongly by the most intelligent men who are engaged in the breeding of cattle.

"It has been said that this is the golden age of opportunity for production and selling pure bred cattle. Opportunities for selling have been so good that men in many instances have profited more by dealing than they have by breeding. Prices for practically all registered stock, regardless of how it may be bred, have been at a considerable advance over the prices paid for native and grade cattle. This age of easy selling has exerted an influence on the future prospects for pure breds that should be recognized and that urges us to do the extraordinary things to insure a continued success if we continue to engage in the production of such cattle. Only to the extent that we can succeed in keeping pure bred cattle in an exclusive class where there will be a special demand for them, can we hope to realize prices for them that will make it profitable to produce them.

"One who travels extensively over a given county in any state of the Union, and has occasion to visit numerous herds of cattle, will be impressed with the comparatively low standard of excellence that exists outside of show herds, that have been assembled by purchases to a very large extent, and a comparatively very few herds that have been the results of extraordinary work and producing a herd of superior cattle.

"It must be admitted that many, if not the majority, of herds of pure bred cattle show a marked lack of uniformity in excellence. Except for matter of color, there is not the uniform breed character and excellence of individuality that many people are led to believe exists in our pure bred registered cattle, especially where their knowledge of breed characteristics is based upon reading breed literature, visiting cattle shows and attending high class cattle sales.

"How long commonplace pure bred cattle will continue to command a premium in price over grade cattle is a question and a matter of interest in the present state of pure bred cattle industry. Developments that are taking place repeatedly with reference to numerous consignment sales of pure bred cattle, and increased number of pure bred cattle that are proving their actual value in competition with many grade cattle tested in cow testing associations, point to the necessity of doing the extraordinary things that will keep pure bred cattle in a class where they may be appreciated and regarded as the best and most valuable animals that can be secured for foundation herds.

"In all of the efforts to breed pure bred cattle, excellence of individuality and performance and purity of blood lines, is the only combination that will advance and maintain a higher position of pure bred cattle that can exist for grades.

"Personally, as I visit numerous herds, attend many sales, and observe the results of breeding pure bred cattle, I am impressed with the following facts:

That many animals never ought to be registered as pure bred; at least, not passed on into the hands of men who reproduce and register from them undesirable offspring.

That many men who purchase ordinary commonplace pure breds would accomplish more in dairying if they were to continue with good grades or even common native stock.

That only the get of what might be called certified sires and possibly the produce of a similar class of dams, should be registered.

"The campaign for pure bred sires on every farm, which in reality goes with the organization of community breeders' associations, has been one of Wisconsin's greatest forward movements in dairy cattle breeding. It has turned the attention of men to the importance of sires in a most forceful

Waukesha Stock Farm, F. E. Fox, Proprietor, Waukesha, Wisconsin

manner and promises to become a long time campaign, as the results are greater and more gratifying as time advances."

—F. E. Fox, Secretary

Marathon County Guernsey Sale and Picnic

Guernsey cattle had their second inning for the season in Marathon County at the consignment sale at the A. J. Plowman farm at Elderon on June 24. Nineteen head of females, including several calves, sold at an average of $422. Six young bulls, mostly very young calves, averaged $86.66. Top of the sale was a five year old cow purchased by A. J. Plowman. With but few exceptions the animals were purchased by farmers living in the county.

Both sale and picnic features were combined in the day's program. At the forenoon session talks were given by County Agent W. M. Berwick of Antigo, F. E. Fox of Waukesha, and Tom Campion of La Crosse. Edward Thompson, county calf club member, gave a talk on the points of a dairy calf. Pep was injected into the occasion by a band from Wittenburg. Guernsey breeders were in attendance from Marathon, Langlade, Shawano, Portage, and Waupaca counties. Colonel J. R. Love of Waukesha and Fred Vander Weide of Antigo did the selling. Frank E. Fox acted as pedigree man. At the conclusion of the sale of pure breds a few grades were offered. The demand for grades was far from being as keen as anticipated.

The sale resulted in a number of farmers about Elderon getting their first registered female. A list of purchasers, names of animals, with prices paid follows:

MALES

Bob's Bishop of Elderon 62653, Fred Nienke, Elderon, Wisconsin	$140
Bob's Elderon's Bert 61602, Nels Jenson, Mattoon, Wisconsin	100
Bob's Tom of Elderon 62654, Guy Jensen, Wittenberg, Wisconsin	50
Bull calf, Louis Bricco, Elderon, Wisconsin	80
Bull calf, Matt Springer, Elderon, Wisconsin	100
Bull calf, O. E. Hiested, Wittenberg, Wisconsin	50

FEMALES

Princess Gretchen, Burg Bros., Wausau, Wisconsin	510
Hilda of Farmington 50866, Burg Bros.	400
Braye Daisy Sydna 64777, Burg Bros.	460
Zara's Queen of Elderon 86068, F. Bandy, Wausau, Wisconsin	355
O. K.'s Pet 101721, George Dexter, Elderon, Wisconsin	250
Hero's Marietta of Hawthorn 70064, Fred Nienke	655
Baby Gloria 57186, Schneider Bros., Wausau, Wisconsin	425
Hero's Christmas Carol 65530, Schneider Bros.	590
Betsey Jane's Beauty 55934, Schneider Bros.	600
Agnes Chene of Six Maples 80100, Walter Alexander, Wausau, Wisconsin	650
Lillia New Berlin, A. J. Plowman Elderon, Wisconsin	675
Pattie of Lake View 68382, B. Frederickson, Elderon, Wisconsin	325
Oakland Beauty 65142, B. Frederickson	370
Myrtle New Berlin 62936, H. L. Rowe, Waupaca, Wisconsin	410
Rosella Springtime 87536, H. Hanke, Elderon, Wisconsin	425
Heifer calf, F. Schroeder, Antigo, Wisconsin	150

Kleinhans Establishes New Guernsey Herd

A. C. Kleinhans, a cheese maker, who had nine years' experience in the manufacture of cheese in Fond du Lac County, at Kaukauna, and at Marshfield, has returned to Fond du Lac County to purchase a farm, establish a model dairy herd and operate a cheese factory.

A feature of the case that is of special interest to Guernsey breeders is the fact that Mr. Kleinhans, after operating a number of factories where milk was supplied by each of the dairy breeds, has reached the conclusion that the Guernsey is the best adapted to the wants of the farmer who is interested in the size of his milk check. As a result Mr. Kleinhans has bought foundaton stock of the May Rose lines, and has established a herd of pure bred Guernseys. In doing this he hopes to accomplish two objects. He will, of course, get a profit from his herd and his factory, and he hopes to point out to his cheese factory patrons the high worth of the Guernsey as a producer of milk for the cheese factory.

In discussing the subject Mr. Kleinhans said:

"It is the amount of butter fat in milk rather than the volume of the milk that determines the number of pounds of cheese produced. Guernsey milk having a high percentage of butter fat will produce more pounds of cheese per 100 pounds than the milk with a lower butter fat content. I believe the Guersney to be the ideal cow

for the farmer who is selling milk to a cheese factory, and the one that will produce him the most dollars on a given investment in labor and feed.

—E. M. Jenison
Fond du Lac County

Lincoln County Breeders Meet

"In proportion to the amount of feed, Guernseys produce more butter fat than any other breed," said Mr. McKerrow, who addressed the Lincoln County Guernsey Breeders' association at the Peter Govig grove, Friday afternoon, four miles north of Merrill. There should be cooperation, he says, to bring about a better breed of cattle. For association work there must be a live secretary, one who will not only give much of his own time to

(Continued on Page 160)

APPROVED ADVANCED REGISTER RECORDS

From July 1, 1920 to July 15, 1920

A. R.		Milk	B. F.	Ag Yrs.Mos.	Owner
7967	Imp. Convent's Trequean Poppy 74252	9381.10	403.29	2—2	Paul Moore, Convent, N. J.
7968	Pauline of Gordondale 57001	9862.80	476.54	4—2	L. E. Gordon, Jr., Nelsonville, Wis.
7969	Frances Lydia 74278	9589.50	501.90	2—0	Wayne A. Munn, Janesville, Wis.
7970	Monogram's Rilma of Utility 74659	10558.20	491.82	2—2	J. M. Harvey, Waukesha, Wis.
‡7971	Blossom of Bowood 62681	10178.85	602.90	3—6	J. L. Hope, Madison, N. J.
‡7972	Silver Star 62710	7763.80	360.54	3—2	M. L. Welles, Rosendale, Wis.
‡7973	Imp. Elucid of Sarnia 73707	7687.90	363.51	4—10	W. J. Bullivant, Kimball, Minn.
7974	Mollie of Clover Leaf 43148	8135.50	402.47	6—6	W. H. Taggart, Manawa, Wis.
7975	Guinan's Beauty 48828	12942.90	638.65	5—3	L. B. Stevens, Hartland, Wis.
7976	Imp. Buttercup II. of Rondibosch 50333	11257.10	536.66	6—4	C. D. Griswold, West Salem, Wis.
‡7977	Violet's Etta 69398	7900.60	352.20	2—7	George O. Lucia, Green Bay, Wis.
‡7978	Blancheflower's Lilian 74170	8934.60	431.46	2—2	George O. Lucia, Green Bay, Wis.
‡7979	Fairest of Wales 31265	9358.80	442.36	9—2	George O. Lucia, Green Bay, Wis.
‡7980	Mae of Willalvin Farm 66198	9217.60	452.27	3—1	Basse Bros., West Allis, Wis.
‡7981	Mona's Bonny Lassie 68969	7854.30	376.99	3—5	E. Huser & Son, Cumberland, Wis.
7982	Sadie of Sweet Springs 87435	9102.50	394.47	2—6	H. M. Allen, Troy, Ohio.
7983	Mar's Lady Blanche 56318	9501.00	459.63	5—10	H. M. Allen, Troy, Ohio
7984	Muriel of Linda Vista 61383	9484.30	462.16	3—4	Louis E. P. Smith, Holliston, Mass.
7985	Gladys of Cloverdell 83968	7215.50	356.48	2—7	R. H. Dutton, Colmar, Pa.
7986	Gerar Juliana 71194	8687.20	461.19	2—6	Louis McL. Merryman, Cockeysville, Md.
7987	Rose Bloom of Maudesleigh 2d 73232	4773.80	271.88	2—0	F. S. Moseley, Newburyport, Mass.
7988	Colgate of Gerar 2d 53664	7227.60	413.97	4—7	Louis McL. Merryman, Cockeysville, Md.
7989	Columbus's Lillie of Oak Ridge 66739	6722.50	322.04	2—10	Thomas F. Ryan, Oak Ridge, Va.
7990	Prelate's Frances Ruette 70147	8192.40	439.37	2—6	J. Edwin Griffith, Mount Washington, Md.
°†7991	May Rose of Westbrook Farm 56445	15530.00	757.07	4—8	G. W. Koser, Biglerville, Pa.
7992	Escalon Mary 74654	8433.10	431.05	2—0	A. B. Humphrey, Escalon, Cal.
7993	Molly of City View 58399	6512.90	367.96	4—5	Wild Bros., Elmwood, Wis.
7994	Dora of City View 58111	8334.00	477.74	4—2	Wild Bros., Elmwood, Wis.
7995	Laura of City View 56132	7460.20	392.50	4—7	Wild Bros., Elmwood, Wis.
7996	Nellie of City View 59648	9727.20	527.82	3—11	Wild Bros., Elmwood, Wis.
‡7997	Queen of Willalvin Farm 66199	8026.50	407.27	3—1	Basse Bros., West Allis, Wis.
7998	Lady Gay of Riverton 57864	8741.40	511.51	4—1	Henry W. Leeds, Westville, N. J.
7999	Mixter Comely 65859	8611.40	502.15	3—10	Octav Voget, Hubbard, Oregon.
‡8000	Glenwood's Lillian of Ingalwood 61363	8247.40	420.93	3—5	G. R. Ingalls, Eau Claire, Wis.
°8001	Langwater Forever 74348	12668.40	602.67	2—1	F. L. Ames, North Easton, Mass.
8002	Iola of Donemore 51461	10581.40	519.19	7—2	William H. Carroll, Ashland, Md.
‡8003	Olivia of Clara Cooper Farms 64874	8746.30	453.03	3—0	E. S. Person, Minot, N. Dak.
‡8004	May Rose Lady of Minot 73397	8014.30	477.32	1—11	E. S. Person, Minot, N. Dak.
‡8005	Polly of Clara Cooper Farms 74028	9444.10	485.62	1—11	E. S. Person, Minot, N. Dak.
°8006	Carrie of Elmway 65214	10033.10	604.57	3—1	E. S. Person, Minot, N. Dak.
°8007	Loyal Maid 67222	9546.40	612.64	2—7	G. G. Hartley, Duluth, Minn.
8008	Imp. Queen of Frie Baton 68659	10699.50	522.25	5—2	Elizabeth F. Rieger, Penllyn, Pa.
8009	Craigamoor Rosemary 62772	9825.90	502.81	3—11	George C. Cooper, Superior, Wis.
8010	Buttercup of Magnolia 60293	10929.40	545.71	4—0	Wilbur Dorsey, Annapolis Junction, Md.
8011	Craigamoor Jessie 48695	8830.20	432.13	5—8	George C. Cooper, Superior, Wis.
8012	Glenwood's Pearl of Taylor 73603	6869.00	366.27	2—4	F. D. Otis, Barron, Wis.
‡8013	Nora of Birchwood 65528	6081.60	320.04	3—3	M. L. Welles, Rosendale, Wis.
8014	Snow Flake of Magnolia 63602	7070.40	342.86	3—4	Wilbur Dorsey, Annapolis Junction, Md.

Reentries

3151	Imp. Violet of Tol Val 43621	14717.60	608.14	7—10	W. H. Dupee, Santee, Cal.
3697	Imp. Maid of Tranquil Dale 3d 48509	11292.30	581.56	7—2	Louis E. P. Smith, Holliston, Mass.
4584	Island's Meadowbrook Blossom 48534	14285.60	585.44	5—9	G. G. Hartley, Duluth, Minn.
4709	Imp. Pearl King's Nelly 51224	8315.90	438.68	5—4	J. G. Webb, Clinton Corners, N. Y.
4938	Glencoe's Miss of Maple Hill 42089	12850.90	626.18	6—11	Louis McL. Merryman, Cockeysville, Md.
°5412	Imp. Loulou's Maid 48461	12191.40	730 81	6—8	J. G. Webb, Clinton Corners, N. Y.
5846	May Rose Starlight of Island Farm 53706	16072.30	636.87	4—6	G. G. Hartley, Duluth, Minn.
‡5988	May Queen of Pomeroy 57443	9252.20	487.11	4—4	E. S. Person, Minot, N. Dak.
6792	Julian's Island Maid 60947	11464.50	481.13	3—5	G. G. Hartley. Duluth, Minn.
6860	Priscilla of Webb Farms 63674	7601.50	350.78	3—2	J. Griswold Webb, Clinton Corners, N. Y.
6994	Stockbridge Virginia 37186	9264.90	603.01	7 11	Henry McBurney, Stockbridge, Mass.
‡7045	Babette T. 55825	8668.90	480..67	4—2	Est. H. E. Taber, Castile, N. Y.

Bulls Admitted to the A. R. by Daughters Whose Numbers Appear in Brackets

Maple King 22883 [7980-7997]
May King of Sweet Springs 32082 [7668-7982]
Aimable's Columbus of Oak Ridge 26945 [7633-7989]
Imp. Gay Boy of Wyanoke 27848 [7822-7998]
Langwater Warrior 26509 [7783-8001]
Golden Noble of Craigamoor 29215 [8003-8005]
King Gracieux 15389 [8010-8014]

OWNER'S STATEMENT OF FEED FOR LOYAL MAID 67222, A. R. 8007

Mar.—12 lbs. daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy meal, ground oats, and oil meal, 150 lbs. each Ajax Flakes and gluten pulp, roots, and alfalfa.
Apr.—14 lbs. daily of 1 lb. each. Ajax Flakes and gluten and 12 lbs. same mixture as March, beet pulp, silage and alfalfa.
May—Same ration as given in April.
June—Same grain ration as March; beet pulp, silage and clover hay.
July—Same grain ration as April with 100 lbs. ground oats added to mixture; beet pulp and clover hay.
Aug.—12 lbs. daily same mixture as July; 5 lbs. beet pulp, 15 lbs. roots, 10 lbs. clover hay.
Sept.—15 lbs. daily same mixture as July; 6 lbs. beet pulp, 25 lbs. roots, 10 lbs. mixed hay.
Oct.—14 lbs. daily same mixture as March; 6 lbs. beet pulp, 20 lbs. roots, 10 lbs. hay.
Oct.—14 lbs. daily same mixture as March; 6 lbs. beet pulp, 20 lbs. roots, 10 lbs. hay.
Nov.—13 lbs. daily same mixture as July; beet pulp, roots, and clover hay.
Dec.—Same grain ration as November; 9 lbs. beet pulp, 12 lbs. roots, 10 lbs. each silage and clover hay.
Jan.—15 lbs. daily of 1 lb. each Ajax Flakes and gluten and 13 lbs. of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each hominy and oil meal; 9 lbs. beet pulp, 10 lbs. each roots, silage, and clover hay.
Feb.—15 lbs. daily of 1 lb. each Ajax Flakes and gluten and 13 lbs. same mixture as Julyy .5 lb. molasses, 9 lbs. beet pulp, 10 lbs. each roots, silage, and alfalfa.
Mar.—Same ration as given in February.

OWNER'S STATEMENT OF FEED FOR CARRIE OF ELMWAY 65214, A. R. 8006

Mar.—68 lbs. grain of the following mixture: 100 lbs. bran, 25 lbs. each ground oats, ground barley, oat meal, and oil meal; 181 lbs. silage, 100 lbs. alfalfa.
Apr.—260 lbs. grain same mixture as March; 720 lbs. silage, 300 lbs. alfalfa, 30 lbs. hay.
May—222 lbs. bran; 516 lbs. ensilage, 120 lbs. alfalfa to the 12th, then pasture.
June—9 lbs. daily of the following mixture: 400 lbs. each bran and ground oats, 100 lbs. each oat meal and oil meal; pasture.
July—10 lbs. daily same mixture as June; 10 lbs. silage on the 3d increased to 15 lbs. on the 11th, pasture.
Aug.—8 lbs. daily of the following mixture: 200 lbs. each bran, ground oats,. ground barley, 100 lbs. middlings, 50 lbs. oil meal; green corn and pasture and
Sept.—222 lbs. grain: 96 lbs. bran, 48 lbs. each middlings and ground oats, 24 lbs. ground barley, 6 lbs. oil meal; 720 lbs. silage, 300 lbs. alfalfa, pasture to the 12th.
Oct.—8.5 lbs. daily to the 20th of the following mixture: 400 lbs. each bran and ground oats, 200 lbs. middlings, 100 lbs. ground barley, then 9 lbs. daily of the following mixture: 100 lbs. bran, 50 lbs. each corn meal, ground oats, and ground barley, 12.5 lbs. each gluten meal and oil meal; 24 lbs. silage, 10 lbs. alfalfa, 1 lb. prairie hay.
Nob.—9 lbs. daily of the following mixture; 50 lbs. bran, 34 lbs. each corn meal, ground oats, and ground barley, 12.5 lbs. each gluten meal and oil meal; 27 lbs. silage, 10 lbs. alfalfa.
Dec.—9 lbs. daily of the following mixture: 50 lbs. bran, 35 lbs. each corn meal, ground oats, and ground barley, 17.5 lbs. rye; 26 lbs. silage, 10 lbs. alfalfa.
Jan.—9 lbs. daily of the following mixture: 50 lbs. each bran and ground oats, 33 lbs. corn meal, 17 lbs. ground barley and 6.2 lbs. cottonseed meal; 24 lbs. silage, 10 lbs. alfalfa, 1 lb. prairie hay.
Feb.—7 lbs. daily same mixture as January; 2 lbs. molasses, 21 lbs. silage, 1 lb mixed hay, 9 lbs. alfalfa.
Mar.—8 lbs. daily of the following mixture: 100 lbs. bran, 50 lbs. each corn meal and ground oats, 15 lbs. ground barley; 6.3 lbs. molasses, 24 lbs. silage, 1 lb. mixed hay, 8 lbs. alfalfa.

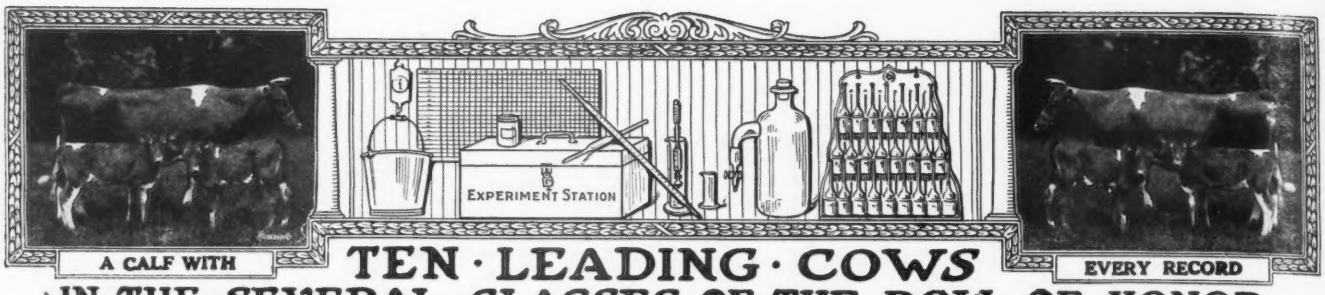
OWNER'S STATEMENT OF FEED FOR IMP. LOULOU'S MAID 48461 A. R. 5412

Mar.—12 lbs. daily, 3 lbs. molasses grains and 9 lbs. of the following mixture: 400 lbs. each bran and cottonseed meal, 800 lbs. each corn meal and ground oats, 200 lbs. oil meal; 10 lbs. roots, 30 lbs. silage, 12 lbs. mixed hay.
Apr.—10.5 lbs. daily, 2.5 lbs. molasses grains and 8 lbs. of the following mixture: 400 lbs. each bran and cottonseed meal, 800 lbs. each corn meal and ground barley, 200 lbs. oil meal; 10 lbs. each roots and alfalfa, 30 lbs. silage.
May—14 lbs. daily, 4 lbs. molasses grains and 10 lbs. same mixture as March; 7.5 lbs. roots, 30 lbs. silage, 12 lbs. mixed hay.
June—14 lbs. daily, 4 lbs. molasses grains and 10 lbs. of the following mixture: 800 lbs. each bran, corn meal, and ground oats, 400 lbs. cottonseed meal, 200 lbs. oil meal; 5 lbs. roots, green oats and peas from the 15th, mixes wheat and alfalfa, pasture.
July—15 lbs. daily, 4 lbs. molasses and Brewers' Grains and 11 lbs. same mixture as March; 20 lbs. ensilage, green alfalfa and pasture.
Aug.—434 lbs. grain: 40 lbs. each bran, corn meal, ground oats, and ground barley, 20 lbs. each hominy, gluten feed, and cottonseed meal, 110 lbs. Armour's Dairy Ration, 11 lbs. oil meal, 93 lbs. molasses grains; 620 lbs. silage, alfalfa and pasture.
Sept.—14 lbs. daily, 4 lbs. molasses grains and 10 lbs. of the following mixture: 400 lbs. each bran and cottonseed meal, 600 lbs. each corn meal and ground oats; 10 lbs. roots, 20 lbs. ensilage, 5 lbs. mixed hay, pasture.
Oct.—16 lbs. daily, 4 lbs. molasses grains and 12 lbs. of the following mixture: 100 lbs. bran, 300 lbs. each corn meal, ground oats, and cottonseed meal; 10 lbs. each roots and mixed hay, 30 lbs. silage.
Nov.—18 lbs. daily, 8 lbs. Cow Chow with molasses and 10 lbs. same mixture as October; 25 lbs. each roots and silage, 10 lbs. mixed hay.
Dec.—17 lbs. daily, 5 lbs. Cow Chow with molasses and 12 lbs. of the following mixture: 200 lbs. bran, 600 lbs. each corn meal, ground oats, and cottonseed meal; 30 lbs. roots, 35 lbs. silage, 15 lbs. mixed hay.
Jan.—15 lbs. daily, 6 lbs. Cow Chow with molasses and 9 lbs. same mixture as December; 25 lbs. roots, 35 lbs. silage, corn fodder, 10 lbs. mixed hay.
Feb.—16 lbs. daily, 6 lbs. Bull Dairy Ration with molasses and 10 lbs. of the following mixture: 200 lbs. bran, 400 lbs. each corn meal and ground oats, 300 lbs. cottonseed meal, 100 lbs. oil meal; 30 lbs. each roots and silage, 15 lbs. mixed hay.
Mar.—18 lbs. daily, 8 lbs. Larro Feed and 10 lbs. of the following mixture: 100 lbs. each bran and oil meal, 300 lbs. each corn meal and ground oats, 200 lbs. cottonseed meal; 25 lbs. roots, 30 lbs. silage, 15 lbs. mixed hay.

OWNER'S STATEMENT OF FEED FOR LANGWATER FOREVER 74348, A. R. 8001

Mar.—5.94 lbs. grain: 1.98 lbs. bran, 1.32 lbs. each hominy and ground oats, .66 lb. each cottonseed meal and oil meal; 60 lbs. silage, 24 lbs. alfalfa.
Apr.—382.4 lbs. grain: 71.74 lbs. each bran, ground oats, and Brewers' Grains, 23.99 lbs. hominy, 47.73 lbs. each gluten, cottonseed meal, and oil meal; 600 lbs. silage, 240 lbs. hay.
May—433.69 lbs. grain: 81.22 lbs. each bran, ground oats, and Brewers' Grains, 27.28 lbs. hominy, 54.25 lbs. each gluten, cottonseed meal, and oil meal; 620 lbs. silage, 248 lbs. hay.
June—480 lbs. grain: 120 lbs. each bran and ground oats, 40 lbs. each hominy and gluten, 80 lbs. each cottonseed meal and oil meal; 180 lbs. beet pulp, 600 lbs. silage, 240 lbs. hay.
July—558 lbs. grain: 139.5 lbs. each bran and ground oats, 46.5 lbs. each hominy and gluten meal, 93 lbs. each cottonseed meal and oil meal; 248 lbs. each beet pulp and mixed hay, 465 lbs. silage.
Aug.—496 lbs. grain: 124 lbs. each bran and ground oats, 41.33 lbs. each hominy and gluten meal, 82.67 lbs. each cottonseed meal and oil meal; 248 lbs. beet pulp, 620 lbs. silage, 310 lbs. alfalfa.
Sept.—420 lbs. grain: 105 lbs. each bran and ground oats, 35 lbs. each hominy and gluten, 70 lbs. each cottonseed meal and oil meal; 600 lbs. silage, 300 lbs. mixed hay.
Oct.—433.99 lbs. grain: 108.5 lbs. each bran and ground oats, 72.33 lbs. each hominy and cottonseed meal, 36.17 lbs. each gluten meal and oil meal; 620 lbs. silage, 310 lbs. mixed hay.
Nov.—420 lbs. grain: 105 lbs. each bran and ground oats, 70 lbs. each hominy and cottonseed meal, 35 lbs. each gluten meal and oil meal; 180 lbs. beet pulp, 300 lbs. roots, 600 lbs. silage, 360 lbs. mixed hay.
Dec.—433.99 lbs. grain: 100.15 lbs. each bran and ground oats, 66.77 lbs. each hominy, gluten, and cottonseed meal, 33.38 lbs. oil meal; 186 lbs. beet pulp, 310 lbs. roots, 620 lbs. silage, 248 lbs. alfalfa.
Jan.—433.994 lbs. grain: 100.15 lbs. each bran and ground oats, 66.3 lbs. each hominy, gliten meal, and cottonseed meal, 33.38 lbs. oil meal; 186 lbs. beet pulp 620 lbs. silage, 310 lbs. alfalfa.
Feb.—430.95 lbs. grain: 99.45 lbs. each bran and ground oats, 66.30 lbs. each hominy, gluten meal, and cottonseed meal, 33.15 lbs. oil meal; 232 lbs. beet pulp, 580 lbs. silage, 290 lbs. alfalfa.
Mar.—350.01 lbs. grain: 80.77 lbs. each bran and ground oats, 53.85 lbs. each hominy gluten meal, and cottonseed meal, 26.92 lbs. oil meal; 200 lbs. beet pulp, 500 lbs. silage, 250 lbs. mixed hay.

(Class Leader Description appears elsewhere)† Esceeds requirement by 100% or over° 1 day test‡



TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · OF · THE · ROLL · OF HONOR

CLASS AA—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. Fat		Lbs. Milk	Lbs. B. Fat
Duchess Ruth 47060 A. R. 3523	14644.2	850.49	Ultra Lady 38913 A. R. 3348	14019.2	748.16
Carwytham Queen 41121 A. R. 4456	15788.4	816.27	Imp. Flora of City View 59640 A. R. 7378	13376.6	743.20
Carrie of Hillhurst 34864 A. R. 5973	15307.8	814.83	Princess of Thorn Hill 44951 A. R. 4816	11751.2	736.63
Bessie of Portland 36255 A. R. 7925	15187.4	805.48	Cora of Gerar 48309 A. R. 4706	16958.2	734.54
Imp. Fanny of Linwood 48094 A. R. 7790	13443.8	752.44	Mixter Faith 48711 A. R. 5277	13933.9	720.85

CLASS BB—FOUR AND ONE-HALF TO FIVE YEARS

*May Rose of Westbrook Farm 56445, A. R.7991	15530.0	757.07	Lennetta of Maple Glen 51921 A. R. 7542	13382.8	654.71
Imp. Wyebrook Rose 69245 A. R. 6186	14872.1	710.21	Princess May of Linda Vista 47711 A. R. 6019	12232.7	627.48
Rose of Little Platt 55717 A. R. 7882	12159.7	666.71	Lilly Lee 52808 A. R. 5777	11225.2	621.18
Susie of the Ridge 43719 A. R. 4723	12072.1	664.10	Imp. Dairy Maid VIII. of the Duvaux 67696 A. R. 7535	12964.3	618.16
Gladiola of Bralee 60726 A. R. 7832	12443.4	660.82	Colette Standish 48426 A. R. 5517	12822.1	603.85

CLASS CC—FOUR TO FOUR AND ONE-HALF YEARS

Linden Girl of Harbor Hill 3d 58625 A. R. 4651	15032.9	785.89	Belle of Canandaigua 44832 A. R. 4534	11965.0	616.05
Idyl of Koshkonong Place 48151 A. R. 5684	14466.3	685.98	Florestine's Triumph 43846 A. R. 4350	10409.2	599.46
Cora of Gerar 48309 A. R. 4706	15368.8	665.94	Friquet's Daisy of Bellview 55861 A. R. 7360	13373.1	589.26
Donna May Fanchon of Linda Vista 47709 A. R. 4878	15037.7	635.90	Dawn's Daisy 54160 A. R. 6215	14452.4	587.37
Lily of the Prairie 54714 A. R. 7543	11561.7	620.15	Imp. Aurelie of Les Pelleys 66022 A. R. 7534	11632.7	579.97

CLASS DD—THREE AND ONE-HALF TO FOUR YEARS

Clare of Gerar 49122 A. R. 4733	13782.9	637.79	Diantha of Two Rivers 52328 A. R. 6391	12189.6	584.61
Starlight Lassie 59141 A. R. 6793	13211.6	618.66	Imp. Wintershill Meg 2d 48506 A. R. 3824	12347.2	583.33
Dairymaid of Nelsonville 50051 A. R. 6852	12068.8	590.36	Imp. Grand Fort Pride III. 60614 A. R. 6003	11434.3	570.33
Enchantress of Dellwood 56697 A. R. 5945	11617.9	586.58	Buttercup of Geneva 41957 A. R. 5705	9718.9	561.39
Beatrice of Ore Hill 60981 A. R. 7821	12840.3	585.51	Elsie of the Rancho 89755 A. R. 7919	8714.9	548.31

CLASS EE—THREE TO THREE AND ONE-HALF YEARS

Langwater Levity 70293 A. R. 7789	12785.9	662.15	Tricksey's Glenwood Girl 49110 A. R. 6216	10392.1	575.11
Pearl's Dot 57445 A. R. 6140	11695.5	612.29	Mar's Noble Galaxy 68637, A. R. 7851	9831.5	566.11
Pergue's Crescent 61717 A. R. 6759	13316.9	581.01	Mollie Rose O. D. 50617 A. R. 6210	10397.6	563.74
Jean Du Luth Coronet 52816 A. R. 6392	12603.9	580.61	Glen Gable Miranda 57687 A. R. 7429	9989.3	556.81
Flossie of Fox Valley 51627 A. R. 6503	11082.0	578.17	Imp. Fan IV. of the Croute 28519 A. R. 2442	11872.8	539.34

CLASS FF—TWO AND ONE-HALF TO THREE YEARS

Little Star of Glencairne 64127 A. R. 7461	11549.9	630.50	Ada of Hop City 15361 A. R. 91	8605.1	517.11
Rival's Princess of Dellwood 62373 A. R. 7196	9515.6	586.51	Susie of the Ridge 43719 A. R. 4723	8931.3	514.07
Imp. Blossom Blue Belle of Mara Alva 74135 A. R. 7719	11247.5	549.91	Hillswold Dorfsie 61034 A. R. 6827	10740.3	507.34
May Rose Dally 60660 A. R. 6844	10651.3	548.00	Pansy of Roughwood 70460 A. R. 7761	9688.2	506.21
La Verne of Birchwood 54188 A. R. 6141	11301.4	545.38	Elaine of Fond Du Lac 71090 A. R. 7853	10957.5	502.97

CLASS GG—TWO TO TWO AND ONE-HALF YEARS

Imp. Prospect's Rose des Houards 89003 A. R. 7549	13157.8	726.85	Irene of Sylvanite 65170 A. R. 7151	10324.8	561.37
Pearl Rose of Beaver Ridge 63932 A. R. 7082	12390.4	688.80	Emma of Fond Du Lac 71054 A. R. 7851	12045.7	553.07
Minnehaha's Papoose 67732 A. R. 7211	11623,6	678.37	Brownie of Linwood 60747 A. R. 6804	10761.7	532.01
Theodore's Pride 42768 A. R. 3837	11587.4	594.02	Pearl's Dot 57445 A. R. 6140	9820.8	531.66
Lillia of Iowa 43159 A. R. 3929	10535.7	568.94	Sequel's Deanie 57806 A. R. 6618	11132.8	509.69

AVERAGE YIELD OF 70 CLASS LEADERS 12226.82 LBS. MILK; 624.40 LBS. BUTTER FAT; 5.11 PER CENT.

The above are as they appeared July 15, 1920

Summary of 900 Double Letter Records

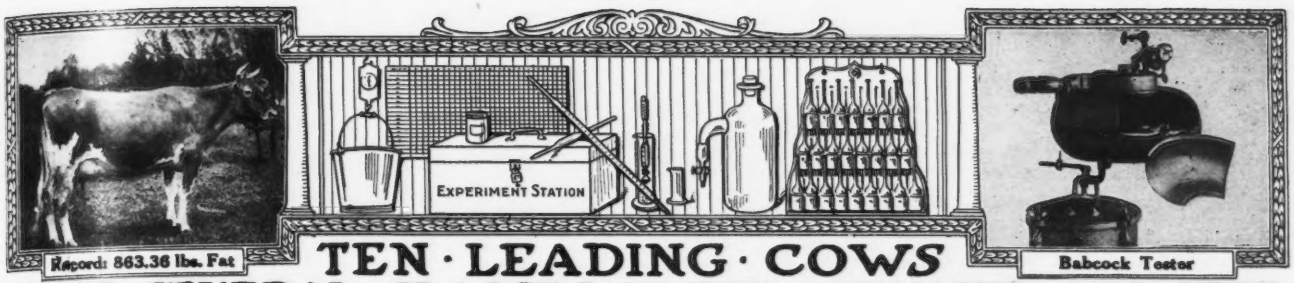
	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class AA	253	9913.88	489.31	4.935
Class BB	80	9361.39	468.85	5.008
Class CC	94	8906.18	449.90	5.051
Class DD	81	8367.03	424.69	5.075
Class EE	100	7897.57	409.64	5.186
Class FF	112	7738.30	394.79	5.099
Class GG	180	7219.43	367.67	5.092
	900	8586.64	432.62	5.038

Milk Production
Best Year's Record 14644.20 lbs.
Av. Ten Largest Records 15462.64 lbs.

Butter Fat Production
Best Year's Record 850.49 lbs.
Av. Ten Largest Records 781.05 lbs.

Largest double letter record for which certificate has been written since last issue of Journal: May Rose of Westbrook Farm 56445, A. R. 7991. 15530.0 lbs. milk; 757.07 lbs. butter fat in Class BB.

* First appearance in this list.



Record: 863.36 lbs. Fat

Babcock Tester

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · OF · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. F.		Lbs. Milk	Lbs. B. F.
Murne Cowan 19597 A. R. 1906	24008.0	1098.18	Yeksa's Tops of Gold's Fannie 22362 A. R. 2394	19794.9	981.53
May Rilma 22761 A. R. 1726	19673.0	1073.41	Spotswood Daisy Pearl 17696 A. R. 790	18602.8	957.38
Nella Jay 4th 38233 A. R. 3194	20709.9	1019.25	Julie of the Chene 30460 A. R. 2752	17661.0	953.53
Langwater Nancy 27943 A. R. 1826	18783.5	1011.66	Imp. Bijou des Frances 44541 A. R. 3043	17104.0	943.41
Langwater Hope 27946 A. R. 1978	19882.0	1003.17	Belladia 31909 A. R. 3801	19631.9	934.05

CLASS B—FOUR AND ONE HALF TO FIVE YEARS

Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Pandora's Valentine of Rich Neck 27622 A. R. 1742	14341.6	784.22
Julie of the Chene 30460 A. R. 2752	15174.2	827.26	Glenanaar of the Glen 23619 A. R. 1907	16813.1	780.66
Langwater Cleopatra 47043 A. R. 4637	15364.7	792.51	Ina's Grace 49724 A. R. 7399	13502.5	775.04
Lady Lesbia 25142 A. R. 1348	13582.8	787.03	Lady Dairymaid of Pinehurst 29723 A. R. 2106	14770.0	769.58
King's Alberta 33788 A. R. 2555	13954.9	785.61	Rosalie of Woodend 39337 A. R. 4053	13611.7	768.50

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Pearl Rose of the Glen 47414 A. R. 4900	16855.6	884.21	Linden Girl of Harbor Hill 3d 58625 A. R. 4651	15032.9	785.89
Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	Polly's Beauty 35078 A. R. 2911	16629.8	774.40
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Janoca of Briarbank 2d 55275, A. R. 5849	13127.2	772.23
Imp. Ladock Jenny 67900 A. R. 7546	15453.3	809.79	Imp. Dora II. of Les Marais 37737 A. R. 1999	15434.9	770.38
Langwater Lustre 47044 A. R. 6794	17307.2	806.10	Mabel of Tarbell Farms 56758, A. R. 6601	13110.9	764.97

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Langwater Dorothy 27944 A. R. 1822	16099.7	781.65
Clover of Pencoyd 3d 48274 A. R. 4832	14360.3	818.04	Lady's Hope of Maple Hill 44843 A. R. 5700	15126.4	776.63
Langwater Heroine 49483 A. R. 5292	16221.1	805.64	Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Nella Jay 4th 38233 A. R. 3194	16039.9	769.33
Royal's Pearl 45209 A. R. 4384	16930.4	788.37	Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802	14065.1	755.07

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Masher's Elsie 24986 A. R. 1967	14458.7	745.75
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.26	Miranda of Edgewater 30970 A. R. 2363	14617.3	730.49
Imp. Donnington Goldie 5th 59866 A. R. 4811	17861.7	796.52	Langwater Desire 40709 A. R. 4877	14219.8	708.69
Lilla of Iowa 2d 61500 A. R. 7589	14239.3	773.03	Imp. Snowdrop III. of Havilland 60641 A. R.6193	12881.9	707.08
Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82	Sanoma's Archer Girl 56637 A. R. 6758	13270.6	692.08

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Langwater Hope 27946 A. R. 1978	15078.8	773.59	Azucena's Pride 2d 24957 A. R. 1469	12633.3	706.46
Jesebel of Edgemoor 52584 A. R. 6195	12434.9	748.32	Linden Girl of Harbor Hill 3d 58625 A. R. 4651	12636.9	681.34
Island Farm's Milvia Lassie 60950 A. R. 7274	14184.6	742.44	Cherub's Lass of the Prairie 70428, A. R. 7926	12069.5	674.14
Cavalier's Helen 65648 A. R. 6821	12668.3	734.34	Rose of Langwater 24204 A. R. 1445	12966.5	669.89
Imp. Rhoda des Blanc Bois 68684 A. R. 7078	12588.8	723.99	Imp. Buttercup II. of Beauregard 35799 A. R. 2638	10623.3	659.71

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Langwater Phyllis 70607 A. R. 6614	13288.4	746.23	Follyland Nancy 52457 A. R. 5266	12270.9	712.60
Brookmead's Dorothy 55715 A. R. 6082	14179.4	742.08	Pearl Rose of the Glen 47414 A. R. 4900	12378.8	711.43
Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97	Nugget's Primrose 48835 A. R. 4001	15436.1	705.56
Imp. Prospect's Rose des Houards 89003 A. R. 7549	13157.8	726.85	Dolly Dimple 19144 A. R. 628	14009.1	703.36
Nella Jay 4th 38233 A. R. 3194	14772.7	726.32	Pearl Rose of Beaver Ridge 63932 A. R. 7082	12390.4	688.80

AVERAGE YIELD OF 70 CLASS LEADERS 15168.60 LBS. MILK; 799.40 LBS. BUTTER FAT; 5.27 PER CENT.

The above are as they appeared July 15, 1920

Summary of 9488 Advanced Register Records

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	2758	10293.82	512.64	4.980
Class B	594	9786.52	488.16	4.988
Class C	743	9455.90	475.42	5.027
Class D	814	9149.78	462.25	5.052
Class E	944	8532.60	431.14	5.052
Class F	1127	8222.52	414.78	5.044
Class G	2468	7914.13	394.18	4.980
	9488	9052.80	453.07	5.004

Milk Production

Best Year's Record 24008.0 lbs.

Av. Ten Largest Records 19960.96 lbs.

Butter Fat Production

Best Year's Record 1098.18 lbs.

Av. Ten Largest Records, 997.56 lbs.

Largest record for which certificate has been written since last issue of Journal: Imp. Loulou's Maid 48461. Re-entry: 12191.4 lbs. milk; 730.81 lbs. butter fat in Class A.

LIST OF GUERNSEY CATTLE TRANSFERS

From May 26 to June 10, 1920, Inclusive

BULLS

Abbeyleix Roy 64501—A. L. Fitzpatrick to Charles H. Evoy, Philadelphia, Pa.
Adaline's Mainstay 64528—Westmoreland Davis to John C. Sutton, Black, Md.
Adaline's Ultra of Moravian Heights 58238—A. H. Dayton & Sons to T. E. Strohmenger, Weedsport, N. Y.
Admiral Togo of Bralee 64638—E. R. Brady to H. M. Pierce, Olympia, Wash.
Adventurer of Echo Bay 41049—R. P. Guptill to E. Kronholm, Grand Rapids, Wis.
Aimable of the Isle 6th 32922—R. A. Smith to D. D. Elliott, Wisacky, S. C.
Aimable of the Isle 6th 32922—D. D. Elliott to F. P. Ivey, Warrenton, Ga.
Albamont Fashion 50477—John C. Haartz to F. H. Elam, Freeport, Maine.
Alice's Choice of the Rancho 61534—Elliott-Brantt Rancho to George E. Tryon, Fort Dick, Cal.
Alice's Prince of Maple Leaf 62984—W. J. Stockwell & Son to P. F. Dennison, Holcombe, Wis.
Alice's White Face of the Rancho 62037—Elliott-Brant Rancho to W. W. Wilkins, El Centro, Cal.
Allen of Silver Birch 64363—W. J. Dawson to Herman E. Wolf, La Crosse, Wis.
Antonio's Prince 27958—James E. Moran to Synone Chappel, Hertford, N. C.
Anton's Glenwood Boy 48033—R. C. Finney to C. M. Worley, Mercer, Pa.
Audacious Jewel of Fox Valley 58463—P. H. & C. H. Kuhtz to Henry J. Baesmann, Edgar, Wis.
Barryport 64320—John Lloyd to John S. Mattern, Franklinville, Pa.
Beauty's Governor of Linwood 59094—J. Dwight Dean to O. L. Beal & L. F. Betchtel, Fredericks-town, Ohio.
Beauty's Souvenir of Niles 59907—F. W. Knott & Son to M. L. Shively, Cassopolis, Mich.
Benjamin's Boy 64489—David Morgan to Leslie Anderson, Amherst Junction, Wis.
Billy Boy of Hillsboro 59938—J. F. Setzer to Lon Huffman, Hub City, Wis.
Billy of Cedar Lake 64537—Herman Drake to Arvin Schmidt, Kiel, Wis.
Blanche's Silver Anchor 64557—Ole I. Thorstad to Clarence I. & Oscar L. Thorstad, Wautoma, Wis.
Blonch of Moon King 29943—E. F. Brainerd to Gleason Bros., Bruce, Wis.
Bob of Prairie Ranch 63158—Wichern Bros. to Peterson & Christianson, Independence, Wis.
Bob Satisfax Rilma 64444—E. L. Berg to Herman Gaubatz, Chilton, Wis.
Bonnie Boy of Pine Ridge 64546—Edgar S. Payne to Yates County Poor Farm, Penn Yan, N. Y.
Boston's Victor 57647—A. E. Gray & Sons to W. C. Woodke Jr. & F. F. Blumquift, West De Pere, Wis.
Broadvu Washirgton 64420—Hayes C. Taylor to T. L. Way, Curwensville, Pa.
Busti S. 63163—D. M. Shontz to J. C. Blair, Hartstown, Pa.
Busy Bee King of Oakdale 64432—Mrs. Nellie Henderson to Alben Sordahl, Viroqua, Wis.
Butter Boy of Maple Lawn 58536—D. A. Snyder to Pleasant Bussard, Peoria, Ohio.
Butter Cup's Golden Boy 63263—Otto Zschaechner to Walter A. Thiem, De Pere, Wis.
Buttercup's Hero of Prairie Mound 62391—D. P. Daniels & Son to Ed. B. Dinkela, Canaan, Mo.
Callie's King Stephen 63037—G. A. Schultz to C. Hocking, Viola, Wis.
Captain of the Rancho 62039—Elliott-Brant Rancho to Clarence Westbrook, Smith River, Cal.
Captain Rude of Baseline 63573—Thomas & William Morgan to George Klahn & Son, Elmdale, Mich.
Caribou Yeo 64466—George C. Stone to Nick Weinerskirch, Belgrade, Minn.
Charmonte Rockingham 64561—William Rawlings to B. J. James, Kite, Ga.
Charter of Spring Woods 64468—William F. Fretz to Milton E. Remsburg, Sharpsburg, Md.
Chicona Gay Lad 64509—Albion L. Gile to Adolph Wiegardt, Nahcotta, Wash.
Chief Detroit of Governor Pearl 62326—O. O. Larsen to I. K. Jacobson & Sons, Perley, Minn.
Chief Justice 62422—J. L. Hope to Frank B. Evans, Elkton, Md.
Chief of Ewing 64544—Oaklands Farm Co. to George Phillips, Titusville, N. J.
Chilmark King Justice 34186—F. P. Ivey to D. D. Elliott, Wisacky, S. C.
Christy's Foxy of Guernsey Creek Farm 55301—H. O. Schwenke to J. E. Brisbane, Waseca, Minn.
Cinderella's Glenwood Boy of Mound City 25019—Est. Thomas Moran to Valley Gem Farms Inc., Arlington, Wash.
Clark's Lone Pine King 64431—Fred Bradford to H. Byrd Clark, Alma, Mich.
Clenton of Homestead 59004—W. G. Jamison to W. G. Chafer, Sharon, Wis.
Consintine Pride 64462—Williams & Wallace to Henry Schultz, Emery, S. Dak.
Cora's Monarch of Triple Oaks 57410—Est. Charles H. Toan to J. Wesley Van Alstyne, East Rochester, N. Y.
Corn King 62045—J. L. Hope to J. B. Corser, Dalton, Pa.
Count Dominion of Bon Ayre 52715—H. W. Wigman to Seymour S. Olin, Kalamazoo, Mich.
Crepe de Chine 64495—Amos P. Mitchell to Edwin W. Tillotson, Farmington, Conn.
Dairymaid's Isaac 62292—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.
Dairy Maid's Rex of Englewood 62218—Merickel & Nelson to Olof Okelund, Browerville, Minn.
Daisy's Frenchman of White Dale 62207—Loren Truex to George S. Johnson, Terre Haute, Ind.
Daisy's Hayes Raider 49292—Marion Bower to Edward Winegard, Salem, Ohio.
Imp. Daisy's Lad of Willow Lane 61471 (Imp.)—J. F. Davis to Henry L. Wallace, Gotham, Wis.
Dandy of T. S. F. 56908—A. E. Harris to Earl Miller, Albertsville, Wis.
Dewdrop's Golden Noble 37756—James E. Rothwell to J. Walter Brown, Brimfield, Mass.
Dick of Fern Hill 60351—John Cramer, Jr. to Vies Martinson, Milltown, Wis.
Duke Detroit's Jewel's King 61527—O. O. Larsen to Albert Erickson, Rochert, Minn.
Duke of the Effards 61482—R. B. Wildman to Clara Myrtle Smith, Ashburn, Va.
Elation's Pride of Lakeside 62640—E. E. McGrew to L. E. Larson, Dassel, Minn.
Elberon's Gold of the Prairie 48132—W. W. Marsh to A. A. Glocke, & Chris Joch & Son, Weyauwega, Wis.
Elmway's Forester 64403—W. A. Lawson to H. J. Wilson, Rush Lake, Wis.
Erna's Glenwood of Inverness 64535—A. W. Hargrave to Peter Daane, Brandon, Wis.
Etta's Golden Raider of Waddington 57582—E. W. Oglebay to Bloch Brothers, Inc., Short Creek, W. Va.
Fairfield Lad 64465—J. C. Trotter to J. C. Smith, Carlton, Wash.
Falcon's Bellmetal 48998—John J. Hannon to L. L. Richards, Litchfield, Conn.
Flastaff of Dayspring Farm 64527—B. F. W. Russell to Mrs. A. S. Parsons, Dublin, N. H.
Fantine's Prince of Elm Row 64596—H. G. Ray to Fred Miller, Newberry, Mich.
Felix of Meadow Spring Farm 57943—Amos Bryan to George F. Tyler, Newtown, Pa.
Filbert of Glenhurst 63218—C. L. & L. M. Arnold to R. J. Hylla, Holdingford, Minn.
Fircrest King of the May 64479—R. A. Tillman to A. MacRae Smith, Bellingham, Wash.
Flint Hill Major 64437—Nichols & Seaton to H. T. Colbert, Harpers Ferry, W. Va.
Folly Mastro 59395—Reuben H. Dornelley to Frederick G. Davis, Meadville, Pa.
Gaiety's Donnington Prince 61483—William W. Knight to L. E. Keller, Grove City, Ohio.
Galaxy's Baron of Orchard View 64588—Ralph T Bower to M. H. Swarthout, Willard, N. Y.
Galaxy's Equal of Blenheim 55542—J. P. Evans to H. B. Crosland, Bennettsville, S. C.
Gay Lad's Model of Hazelhurst 59753—John G. Thomsen to Paasch Bros., Walnut, Iowa.
Gay Rose of Green Acre 59130—J. L. Hope to William Rawlings, Sandersville, Ga.
General P. of Arethusa 64508—W. F. Webster to E. N. Wilmot, Litchfield, Conn.
George of Watch Hill 60743—Crosby Gaige to John Travis, Peekskill, N. Y.
Gerar Masterpiece 62956—Louis McL. Merryman to C. T. Rice, Oakton, Va.
Gerar Montressor 63138—Louis McL. Merryman to Englebert Hoffman, Saint Marys, Pa.
Giver 2d's Lady's Boy 58519—Fred Wille to Fritz A. Akerlund, Valley, Nebr.
Glenayre Calluda 55944—W. H. Colvin to A. E. Barnes, Atlanta, Ill.
Glenora's Squire 54361—D. H. Leary to J. J. Creeden, La Farge, Wis.
Glenwood Bonnie's King 64559—J. Leroy Cunningham to William H. George, Indiana, Pa.
Glenwood Dairymaid's Drop of Lind 51797—Lloyd Mathis to F. J. Fiest, Plover, Wis.
Glenwood's King of Pearl Creek 64467—Byron Main to David Morrow, Covington, N. Y.
Glenwood's Noble of De Forest 62352—D. F. Gates to R. C. Bennett, Bancroft, Wis.
Golden B. 60275—J. T. Moffett to F. N. Smith, Chestertown, Md.
Golden Dewey of May King 61092—F. G. Schuerman to William Burwitz, Richland Center, Wis.
Golden May King of Aurelian Farms 64598—Harry H. Brown to J. V. Langworthy, Augusta, Wis.
Golden Noble of Oso 64464—Helmer Johnson to Erick Erickson, Oso, Wash.
Golden Peridot's Sailor Lad 64530—H. C. McCamon & Son to S. S. Stabler, Salisbury, N. C.
Golden Regent of Dellwood 57156—John Henry Hammond to S. E. Hostetter, Denbigh, Va.
Golden's Glenwood of March 57203—Harold F. Gates to John Larson, Peshtigo, Wis.
Gold Raider of Bowood 61593—L. F. Loree to Ware Shoals Mfg. Co., Ware Shoals, S. C.
Gold Raiser 2d 60484—J. L. Hope to William Rawlings, Sandersville, Ga.
Governess's Governor of Anna Dean Farm 35447—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.
Governor of Idlehurst 33020—J. L. Powell to John Gagner, Rice Lake, Wis.
Governor of Kaercherdale 63518—A. B. Kaercher to J. C. Baker, Onamia, Minn.
Governor II. of Les Grantes 45452 (Imp.)—J. Russell Danks to D. D. Elliott, Wisacky, S. C.
Governor II. of Les Grantes 45452—D. D. Elliott to R. B. Caldwell, Chester, S. C.
Governor of Liberty Prairie 61833—John W. Thrall to Kenneth Hughes, Pickett, Wis.
Governor of Sylvanite 41580—Ole I. Thorstad to Clarence I. & Oscar L. Thorstad, Wautoma, Wis.
Governor II. of the Ruettes's Marcus 61429—Miss Elizabeth Douglas to Walter Douglas, Chauncey, N. Y.
Governor's Duke of Springdale 64558—Ole I. Thorstad to Clarence I. & Oscar L. Thorstad, Wautoma, Wis.
Governor's Lily Emerande's May King 43790—A. T. Herd to R. M. Cooper, Jr., Wisacky, S. C.
Governor's Yeksa of Blue Mound 63570—Taylor Bros. to Charles Tempero, Pewaukee, Wis.
Grassbrook King 64498—Robert & Herbert Scoville to Howard B. Smithers, Salisbury, Conn.
Guernseydale Jewell 62124—C. D. Griswold to Fred Schultz, Plum City, Wis.
Hambro's Best 57452—J. S. Govin to G. T. Gears & H. Sovers, Dancy, Wis.
Hambro's Nuggett 57099—J. S. Govin to E. H. Black, Boyceville, Wis.
Harry's Jumbo 64458—Frederick W. Burnham to Edward H. Burkard, Heath, Mass.
Hayes Branch of Hazelwood 58648—J. M. Caldwell to Paul Hardin, Chester, S. C.
H. D. M. Bob 64523—Ralph Tratt to Arthur Halvorsen, Whitewater, Wis.
Herald of Green Mountain Farms 52909—C. A. Carlisle to D. F. Watkins, Granger, Ind.
Herdlea Cavalier 61087—A. T. Herd to John F. Craig, Sligo, Pa.
Herdlea Chene 62316—A. T. Herd to New Windsor Guernsey Breeders' Co., New Windsor, Md.
Herdlea Frenchman 61784—A. T. Herd to Morton Stelle, Saint Michels, Md.
Herdlea Itchen King 63629—A. T. Herd, to W. F. Steaver, Ellicott City, Md.
Herdlea Jason 61084—A. T. Herd to W. C. McIver, Darlington, S. C.
Herdlea Khedive 61086—A. T. Herd to Mrs. Annie E. Tilden, Delavan, Wis.
Herdlea Raritan 59218—A. T. Herd to John V. Hang, Canton, Ohio.
Herdlea Reuben 61082—A. T. Herd to C. T. Rice, Oakton, Va.
Herdlea Royal 61785—A. T. Herd to Leonard B. Ensor, Sparks, Md.
Herdlea Samuel 61085—A. T. Herd to Charles L. Shaffer, Thomasville, Pa.
Herdlea Witness 62315—A. T. Herd to Harry L. Jenkins, Riderwood, Md.
Hero of Midvale 42969—Fred Wille to Ross Pomeroy, Allen, Nebr.
Hexarose's King 64481—W. W. Colburn to H. A. Horr, East Stoneham, Maine.
Highlands Ultra King 59762—Charles D. Cleveland to M. S. Kellogg, Janesville, Wis.
Ilene's Snowdoun 61418—W. Nicholls to S. D. Edwards, Sparta, Wis.
Independence Lad of Tarbell Farms 54172—Gage E. Tarbell to John L. May, Dover, Pa.
Inkpa of Kaercherdale 63519—A. B. Kaercher to A. R. Longfellow, Fort Ripley, Minn.
Isabinda's Colonel of Lone Pine 64393—Walter Alexander to Paul Eggert, Shawano, Wis.
Itchen Millersburg King 64560—D. M. Hershberger & C. Conkle to A. C. Carraway, Farmville, N. C.
Izetta's Lad 60693—J. W. Hartman to Henry W. Akey, Shelocta, Pa.
Jarrett's Butter Boy 64586—S. Hayes Jarrett to J. Lee Moyer, Freeburg, Pa.
Jean of Wildwood 64592—Ott Bros. to E. F. Bryngelson, Audubon, Minn.
Jerry of Nodaway 61320—L. L. Gillespie to Bert Blackney, Hopkins, Mo.

Jerry of Silent Valley 64483—Leonard Platz, Jr. to Valentine Mueller, Kiel, Wis.
Jessie's Brandon Boy 59564—John E. Davis to W. J. Wells, South Deerfield, Mass.
Johanas of Maple Grove 63463—Charles A. Wussow to Edward Ulenbrock, Black Creek, Wis.
John Royal of Haywood 62579—Miss Florence Osborne to J. L. Butler & Sons, Seabrook, S. C.
Junius of Longview 59545—C. H. Stevens to G. W. Jesseman, Lyndonville, Vt.
Kelly Dillon of Oaklawn 61143—Mrs. Fanny M. Crane to Louis Sell, Menomonie, Wis.
King Bonfire 64372—George Damken to E. E. Albin, Corydon, Ind.
King of Cedar Knoll 53689—H. & H. Lurey to Everett H. Gilbert, Dousman, Wis.
King of the Butter Maids 54468—University of Minnesota to George McIvor, Akely, Minn.
King Rose of the Rancho 60656—Elliott-Brant Rancho to T. J. Baltimore, Escalon, Cal.
King's Goldseeker Jewell 64391—Cyrus Hover to Eldon Shappell, Wapakoneta, Ohio.
King's Masher of Fox Valley 59761—P. H. & C. H. Kuhtz to E. W. Pfrang, Edgar, Wis.
King Sugar-foot of Highlands 63474—W. R. Adams to H. C. Kiekow, Sauk Rapids, Minn.
Kodan's Chief 64400—Jacob J. Blahnik to Fred Zacharias, Birnamwood, Wis.
Laddie of Indian Hill 64536—O. S. Campbell to William Rose, Mount Pleasant, Pa.
Laddie's Dandelion Boy 64382—Jared Van Wagenen, Jr. to Dow V. Borst, Cobleskill, N. Y.
Ladd of Spring Brook Farm 64401—A. G. Alverson to C. E. Hill, Bloomington, Ill.
La Gioconda's Duke 61153—T. D. Salley & Son to Walon L. Mantor, Madison, Maine,
Lambert's Prince 58169—C. E. Lambert & Sons to W. T. Rusk, Altona, Mich.
Laudholm Senator 63922—Charles E. Lord to Fred W. Ricker, Alfred, Maine.
Le Bas' Seeker of Myrna Maree Farm 59134—C. G. Wilderson to W. S. Chatley, New Galilee, Pa.
Lee of Rising Sun 56996—Samel Hertel to G. H. Allemeier & Son, Lima, Ohio.
Lily's May Day 62423—J. L. Hope to Ramapo Developing Co., Mahwah, N. J.
Lily's Yeksa May King 58273—John A. Yoder to Charles Crain, Iowa City, Iowa.
Lord Valinguet of Fairacres 52321—H. C. Adams to John Springman, Kanrar, Iowa.
Loretta's Beauty's Buster 64629—Levi Ressler, Jr. to A. C. Ramseyer, Smithville, Ohio.
Louise's Prince of Lakeside 58860—E. E. McGrew to Michael Schwartz, Cologne, Minn.
Loyette's Governor of Blue Mound 52049—J. J. Taylor & Sons to John L. Pritzlaff, Pewaukee, Wis.
Lynn de Chene of Farview 61805—Peter Simon to F. G. Freiheit, Wykoff, Minn.
Macomber's Prince Tom 55744—George E. Macomber to City Farm of Hallowell, Hallowell, Maine.
Majesty's Sequel of Oakton 60913, R. J. Miller & Son to L. B. Wynkoop, Vienna, Va.
Major Dimple of Guernseydale Farm 54181—Stanley E. Ruckle to Rowan Guernsey Farms, Inc., Salisbury, N. C.
Marcie's May King of Tristram Farm 61069—Tristram Farm Company to August Plagge, Holcombe, Wis.
Marie's Triumph of Greenvale 64524—Bryce McAdam to W. R. Dodds, Osseo, Minn.
Marose's Itchen Secret of Appletree Pt. 64438—U. A. Woodbury II. to M. W. Palmer, North Lexington, Mass.
Martin of Inverness 62958—A. W. Hargrave to Ryer Westhuis, Brandon, Wis.
Marzelle's Billy Boy 61309—R. Lee Alford to Sylvester Aytes, Owensville, Mo.
Masher's Butter King of Dellwood 56612—John Henry Hammond to William Schupp, Staatsburg, N. Y.
Mauley's Grandson 54820—Fred Glanville to James A. Huff, Lancaster, Wis.
Max of Rocky Knoll 62890—O. E. Martin to H. J. Fritz, Loudonville, Ohio.
Mahflower's Prince of Riverview 45501—D. P. Daniels & Son to M. M. & F. A. Daniels, Vandalia, Mo.
May King of Hunterdon 64433—H. Burdett Herr to Harmon K. Wright, Pittstown, N. J.
May King's Son 52713—C. C. Hawley to Joseph B. Rippey, Clifton Springs, N. Y.
Maypole of Crowell Farm 62613—E. G. Crowell to J. F. Kubisiak, Amherst Junction, Wis.
May Rose Ginger 60903—Mrs. Annie E. Tilden to Charles G. Stevens, Delavan, Wis.
May Rose King of Lower Makefield 64405—H. W. Comfort to Edward H. Steele, Trenton, N. J.
May Rose Prince King of Wawa 60662—George Wood to T. E. Coneley, Salisbury, N. C.
May's Pride of Clovermead 55423—Ole J. Anderson to W. A. Johnson, Mora, Minn.
Melba's Glenwood King 33105—J. Leroy Cunningham to The Elders Ridge Guernsey Breeders' Association, Elders Ridge, Pa.
Mellaloren's Postscript 64538—Loren A. Dygert to Ray Carleton, Oakley, Mich.
Melvin of Horse-shoe Farm 56569—A. R. Attridge to M. Porter & R. Higgins, Baraboo, Wis.
Mena's Sally's Bill 60344—J. L. Fabian to D. K. Croco, Holmesville, Ohio.
Mercury of the Rancho 62536—Elliott-Brant Rancho to Fred Bielman, El Centro, Cal.
Middledale Reclaim 64529—Ray N. West to Mrs. N. Riggs, Creswell, Oregon.
Milkyway's Raymond of Wawa 49737—George Wood to Charles H. Arthur, Peru, N. Y.
Mohawk Joe 64531—David Stone to Paul Cardinal, North Adams, Mass.
Mollie's Champion 64395—H. & H. Lurvey to Byron Glover, Skanee, Mich.
Monarch of the Prairie 61336—W. W. Marsh to James L. Harper & Son, Ames, Iowa.
Morning Glory's Major 49573—William Polzin to George Rauh, Schleisingerville, Wis.
Mousette's Governor 2d 62609—George McKerrow & Sons Co. to F. A. Stangohr, Princeton, Minn.
Myrtle's Easter 2d's May King 55956—A. T. Herd to R. M. Cooper, Jr., Wisacky, S. C.
Nancy's King of Frontiers 64449—S. A. Perry to J. Reid Gow, Appleton, N. Y.
Nellie's Laddie of Rose Point 64635—F. C. Fisher to Harry Durnell, Portersville, Pa.
Noble King of Chestnut Ridge 62212—William Erf to John C. Hayes, Maumee, Ohio.
Nobleman of Elm-Leigh 35711—B. E. Curry to P. J. Connor, New Market, N. H.
Noble Masher 49534—Amos E. Lifer to O. E. Martin, Nashville, Ohio.
Oh Boy Masher 64628—A. C. Merritt to Frank W. Helm, Tecumseh, Kans.
Old Hickory of Clover Farm 62994—James L. McIntosh to Isaac Auld, Mount Pleasant, S. C.
Omega's Dean Laddie 64572—Joseph Nicholson to Lester Reed, Amboy, Ill.
Overland's King 61889—C. F. Holmes to E. J. Sunderland, Chanute, Kans.
Pat of Koehn's Farm 61095—George Koehn to James H. Fitzmaurice, Dochester, Wis.
Pauline's Joe 59041—H. A. Funk to A. W. Hast & Son, Berlin Heights, Ohio.
Pauline's Victor of Fairy Falls 64399—John P. Nelson to C. T. Larson, Grantsburg, Wis.
Pencoyd Autocrat 39628—L. S. Murat & H. Rollefson to A. J. Plowman, Elderon, Wis.
Portia's Ada's Jasper 64555—Mrs. Nellie Griffin to Martin Tobaas, Iola, Wis.
Pride's May Day of Knollwood 53227—E. F. Price to St. Paul's School, Concord, N. H.
Primrose's Hambro of Highlands 63472—W. R. Adams to Carl J. Schultz, Luana, Iowa.
Primrose's Newgrove King 62288—C. M. Jepson to M. A. Swarthout, Pine Island, Minn.
Prince Charming of X-L-Land 56546—B. L. Snyder to William Blank, Bloomer, Wis.
Prince Haywood 64477—Miss Florence Osborne to James H. Gunter, Wagener, S. C.
Princeling's Beauty of St. Croix 42944—C. B. Collins to Tristram Farm Company, Eau Claire, Wis.
Prince of Cove Hollow 55478—Lizzie McDaniel to R. E. Hosey, Springfield, Mo.
Prince Regent of Sunnyside 63208—Ray H. Alexander to James S. Truax, Smyrna, Del.
Prince Twinkle 64545—Canterbury Shakers to H. D. Lewis, Concord, N. H.
Queen's Golden 3d 61213—Ole I. Thorstad to Clarence I. & Oscar L. Thorstad, Wautoma, Wis.
Queen's Prince of Oak Grove 64463—Est. Thomas Ellis to George Losey, Coloma, Wis.
Questa's May King Squire 53875—Lawrence Finley to Frank Zajieck, Barnum, Wis.
Raider Bold 62421—J. L. Hope to William Rawlings, Sandersville, Ga.
Ralph of Pleasant Hill 52661—Henry Allenstein to Howard Stewart, Strawberry Point, Iowa.
Raymond of Ochervoil Farm 60128—John L. Williams to C. F. Reynard, Claremont, Minn.
Raymond of Peach Ridge 58163—J. C. Shannon to J. A. Triplett, Lenoir, N. C.
Raymond's Governor of Walnut Ridge 64595—George S. Love to Elmer E. Fry, Neptune, Wis.
Reed's Major 51773—J. R. Carter to Joseph Carson, Charleroi, Pa.
Reedy of Anna Dean Farm 30051 (Imp.)—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Referee's St. Patrick of Pleasant View 56135—L. P. Swoveland to Palmer & Cave, Van Wert, Ohio.
Reservation Buccaneer 63126— H. E. Taber, to Harry B. Randall, Castile, N. Y.
Rex Iron's Ringleader 52581—Alex Pesonen to Israel Pyykkonen, Palmer, Mich.
Rival's Buster 64539—Est. Roscoe C. Turner to John Swart, Cannonsville, N. Y.
Rival's Prince 26162—Richard L. & Lulu H. Gibbs to Henry Wetter, Chowchilla, Cal.
Riverview's Prince Royal Master 63274—Louis C. Emmons to L. J. Carey, Harbeson, Del.
Robert B. of Hazel Dell 64627—George C. Brewer to Charles B. Keihl, Bradford, Ohio.
Robert of Hazel Hill 37195—R. R. Williamson to H. E. Ramsey, Pataskala, Ohio.
Romulus of Glen-Meadows 63216—G. E. Sargeant to John E. Danner, Elk River, Minn.
Rosario of Maplehurst 43155—J. L. Hope to John Lloyd Jr., Hollidaysburg, Pa.
Rose-noble of Edgewater 60780—F. G. Benham to L. A. Devine, Rush, Pa.
Rouge Seeker of Myrna Maree Farm 61233—C. G. Wilderson to Albert N. Faulkner, New York, N. Y.
Rural King 63233—A. T. Herd to S. W. Townsend, Cochranville, Pa.
Sal's Prince 64584—Harvey L. Bremer to Joseph Kolancheck, Manitowoc, Wis.
Sammy of Excelsior Farm 59249—C. W. Pace to F. C. A. Meyer, Center City, Minn.
Sarah's May King 62252—Frank B. Evans to Thomas B. Miller, Elkton, Md.
Shoreland Planet of Twin Oaks 63081—L. B. Stevens to Clarence Van Roo, Pewaukee, Wis.
Sidney Dale 62568—Roy Baker to C. W. Farmer, Hanford, Cal.
Silverwood Regent 46651—Misses L. W. & M. R. Case to Miss L. W. Case, Weston, Mass.
Sir Henry of Green Mountain Farms 61817—C. A. Carlisle to W. K. Schlosser, Plymouth, Ind.
Sir Mattie's Butterboy 64562—S. S. Lipely to J. L. Engle, Beloit, Ohio.
Snowball's Loyal Lad 58482—Oscar Herdrich to P. A. Gardiner, Neillsville, Wis.
Squire Chesser of Highlands 63475—W. R. Adams to Henry Schultz, Belleplaine, Minn.
Squire of Willow Brook 36485—J. L. Hope to William Rawlings, Sandersville, Ga.
Squire Robin 29932—R. A. Feile to Fred Rosenbauer, Kiel, Wis.
Starlight King of Bailey Falls 38093—George Damken to M. P. Sholty, Claypool, Ind.
Starling's Marshall 57054—Frank E. Whitehead to Millard McKenney, Saco, Maine.
Stoneholm Cavalier 55507—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Stoneholm Hudson 58311—Est. George E. Chamberlain to Moses A. Meader, North Haverhill, N. H.
Sunderland May Rose Stockdale 64594—Hynicka Bros. Inc. to John B. Seitz, Camp Hill, Pa.
Sunderland of Green Acre 62067—J. L. Hope to William Rawlings, Sandersville, Ga.
Sunnybrook Wampum 62615—Charles D. Cleveland to New Jersey State Experiment Station, New Brunswick, N. J.
Tableland Hero 63671—Fred Wille to E. S. Gates, Sloan, Iowa.
Tashama May Rose 62557—John S. Grouard to Walter M. Carr, Hampstead, Md.
Tessie's Prince of Scott Farm 59859—Harry E. Staples to Edwin E. Baker, Westmoreland, N. H.
Theda Bara's Goldseeker of A. D. F. 52378—Est. O. C. Barber to A. B. Smythe, Cleveland, Ohio.
Top of Guernsey Homestead Dairy 57233—Herman Gaubatz to Albert Seefeldt, Coleman, Wis.
Ultra Anchor 4th 60836—Louis McL. Merryman to S. Davies Warfield, Monkton, Md.
Ultra Anchor 3d 58100—Louis McL. Merryman to New Windsor Guernsey Breeders' Company, New Windsor, Md.
Upland's Brockton 41711—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Upland's Fame 61390—Charles A. Wilkins to Charles A. Wilkins & Rundell Bros., Platteville, Wis.
Victorios of Anna Dean Farm 29587—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.
Victorios Pride of Hartwood 64421—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.
Victor of the Allen Farm 55272—F. G. Allen to W. J. Hook, Lempster, N. H.
Village Girl's Sensitive Sequel 64434—George Eddy to Samuel J. McElwain, Fort Covington, N. Y.
Violet's Raider of Orchard Bluff 64396—W. W Vandivort to Ezra N. Rosenberger, New Brighton, Pa.
Von Don of Maple Hill 64496—C. G. Dondero to Richard W. Alley, North Vassalboro, Maine.
Waddington Leader 61398—E. W. Oglebay to C. H. Campbell, Saint Clairsville, Ohio.
Warrena of Iowa's Laddie 61446—N. J. Fike to Miller & Pett, Fredericksburg, Iowa.
Werna's Prince 64364—W. J. Dawson to Oscar C. Jensen, La Crosse, Wis.
Western Combination of Maplewood 57399—J. B. McLeran to Charles Lindquist, Carlton, Minn.
Wonder of Oak Hill 41259—Fairfax County Breeders' Assn. to Harry Blake, Vienna, Va.
Woodlawn's Earl 63367—G. F. Shook to George H. Olmstead & Son, Fairdale, Pa.
Yankee Boy Galore 53865—C. W. Todd to William McKenzie, Delaware, Ohio.
Yeksa Ruth's Monsieur 59835—C. D. Curtis to E. R. Snyder, Richland Center, Wis.
Yellow Rock 59819—P. N. Van Eman to C. H. Shirey, Woodland, Pa.

COWS

Actress of Anna Dean Farm 2d 48877 (Imp.)—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.
Ada of Hurley-hurst 81733—A. T. Herd to E. F. Price, Port Chester, N. Y.
Addie of Loberg Glen 86876—Est. L. L. Loberg to M. J. Herman, Abbotsford, Wis.
Aggie of High Rock 2d 86585—Est E. S. Thomas to J. P. Broadhurst & William Queripel, Groton, Conn.
Aggie of Mapledale Farm 97284—W. B. Swinehart to J. S. Yoder, Wooster, Ohio.
Aggie of Prairie Mound 71678—D. P. Daniels & Son to M. M. Daniels, Vandalia, Mo.
Agnes Fern's Daisy 54291—H. E. Babcock & B. N. Millard to Harry Griswold, West Salem, Wis.
Albamont Sequel's Daisy 88403—John C. Haartz to B. C. C. Outerbridge, Flattie, Bermuda.
Alexandrina Violet of King Hill 89075—Numan J. Finch to Germain Allerton, Freehold, N. Y.

Alice Branford 43733—Est. E. S. Thomas to J. P. Broadhurst & William Queripel, Groton, Conn.

Alice of Bear Swamp 68299—N. E. Parsons to A. T. Pike & Son, Plainfield, Ind.

Allen's Belle of Dalcho 104674—J. C. Allen to W. E. Allen, Latta, S. C.

All Heart 69408—H. A. C. Taylor to Reginald Lewis, Ridgefield, Conn.

Alma Forbes of Sunnyside 85824—W. A. Alexander to J. Howard Pratt, Knowlesville, N. Y.

Alma Hambro of Walnut Hill 89793—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Alvada May of Mara Alva 101022—Daniel Ramseyer to D. D. Elliott, Wisacky, S. C.

Alvada May of Mara Alva 101022— D. D. Elliott to Paul Hardin, Chester, S. C.

Alvira of Woodcrest 100907—Thomas Cuff to H. W. Wigman, Lansing, Mich.

Alvira of Woodcrest 100907—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.

Alvira of Woodcrest 100907—A. C. Ramseyer to Erwin Bros., North Lawrence, Ohio.

American Sequel's Rose 78397—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Anna Josephine of Bellview 66546—Irvin Buckley to E. B. Cadwell, Saugerties, N. Y.

Annetta of Crowell Farm 81794—E. G. Crowell to E. H. Solberg, Hixton, Wis.

Arabella of Bonny Lea Farm 63874—Percy Anderson to Charles North, Walkerville, Mich.

Armine's Pride 40885—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.

Audrey of Clovelly 104945 (Imp.)—Charles L. Hill & Son to Old Home Stock Farm, Van Dyne, Wis.

Augusta Marshall 5th 38451—O. B. Wilbur to W. T. Peyton, Fredericksburg, Va.

Aurora of Girdle Ridge 76532—William Fahnestock to S. I. Murphy, Media, Pa.

Barometer of Anna Dean Farm 2d 48885 (Imp.)—Est. O. C. Barber to A. B. Smythe, Cleveland, Ohio.

Barteliver Dairymaid 2d 59723 (Imp.)—G. Bernard Fenwick to John P. Nelson, Stillwater, Minn.

Beacon Hill Beauty 90023—Arthur Curtiss James to J. L. Hope, Madison, N. J.

Beacon Hill Rose Queen 97102—Arthur Curtiss James to J. L. Hope, Madison, N. J.

Beatrice B. of Wayland 56611—Stanley E. Ruckle to Rowan Guernsey Farms Inc., Salisbury, N. C.

Beatrice of Tome 104890—A. E. Clegg to Robert M. King, Owego, N. Y.

Beauty of Merrydale 84651—R. C. Finney to C. M. Worley, Mercer, Pa.

Beauty of White Plains 104676—C. A. Riek to J. L. Powell, Rice Lake, Wis.

Beauty Rosa Bounce Away 40350—S. W. Woodley to T. J. Nixon Sr., Winfall, N. C.

Beauty's Maid May 95182—J. L. Hope to C. S. McCall, Bennettsville, S. C.

Beauty's Ultra 79418—J. L. Hope to Mrs. J. W. Mattice, Middletown, N. J.

Bella of Osceola Farms 75376 (Imp.)—E. C. Clifford to W. D. Mahony, Averill Park, N. Y.

Belle of Ashuelot 39353—W. J. Maytham to Thomas Karnes, Parma, Mich.

Belle of Springdale 50543—Ole I. Thorstad to Clarence I. & Oscar L. Thorstad, Wautoma, Wis.

Belle of The Dudley 95775—Solarek & Son to Edward Vaughn, Salamanca, N. Y.

Belle's Beauty of Ringgold Farm 55299—C. E. Rusco to David Sanders, Blockton, Iowa.

Belle's Sophia 70819—A. C. Ramseyer to D. D. Elliott, Wisacky, S. C.

Belle's Sophia 70819—D. D. Elliott to Gibson & Dye, Richburg, S. C.

Berna Hope 73948—J. L. Hope to G. W. St. Amant, North Falmouth, Mass.

Bertha of Stoneholm 54845—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Bessie of the Lone Oak 37655—J. A. Swoveland to J. R. Swoveland, Willshire, Ohio.

Bessie's Beauty of River Vista 99071—C. B. Collins to Tristram Farm Company, Eau Claire, Wis.

Bessie's Pride of Green-Acre 82890—J. L. Hope to Mrs. Paul Moore, Convent, N. J.

Bess of Lynden 55456—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.

Betsey Dew Drop of Spring Hill 95888—John Constable to Watson Brundege, Granton, N. Y.

Betty B. of Riverside 85081—L. E. Gordon, Jr. to Schwoch Bros., Chelsea, Wis.

Betty Mitchell of White Farm 87104—Albert G. Buckley to Perre Lundberg, Schaghticoke, N. Y.

Betty of High Rock 75150—Est. E. S. Thomas to J. P. Broadhurst & William Queripel, Groton, Conn.

Biddie McGee of Pleasant View Farm 69943—Amos C. Spaulding to Fred G. Briggs & Sons, Three Oaks, Mich.

Blanche of Pittsgrove 28108—Ole I. Thorstad to Clarence I. & Oscar L. Thorstad, Wautoma, Wis.

Blanche's Glenwood 48591—Charles D. Cleveland to H. T. Parson, Long Branch, N. J.

Blooming 65313—Amos P. Mitchell to George R. Ford, Windsor, Conn.

Blue Bell's Lilly of Valleyview 105001—Ezra N. Rosenberger to A. C. Ramseyer, Smithville, Ohio.

Bob of Glanville Farms 100256—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis

Bob's Luetta 69863—Ralph Tratt to University of Wiscorsir, Madison, Wis.

Bodo's Eglah Girl 82639—William P. Wharton to Arthur N. Calkins, Harvard, Mass.

Bodo's Mystic Girl 87783—William P. Wharton to Arthur N. Calkins, Harvard, Mass.

Bon Espoir Rilma 67703 (Imp.)—J. L. Hope to H. W. Leeds, Westville, N. J.

Bonnie Bess of Sunnyside 85825—W. A. Alexander to J. Howard Pratt, Knowlesville, N. Y.

Bonnie's Grace 100218—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.

Boody Right 2d 91386—George E. Kohn to Mrs. Louis G. Stacy, North Wilbraham, Mass.

Brookdale's Pink 41546—R. A. Tillman to A. MacRae Smith, Bellingham, Wash.

Brook Farm Valentine 79803—Albert G. Buckley to W. T. Peyton, Fredericksburg, Va.

Browneye's Susan of Sunny Side 105000—E. S. Tupper to Lowell Gable, Paoli, Pa.

Brunette's Dairy Maid 104718—Felix L. Hanlon to S. P. Sorrell, Woodmont, Conn.

Burness of Highway 2d 63381—J. A. Tawney to T. S. Newman, Gettysburg, Pa.

Busy Bee of Green Meadow 42108—J. L. Hope to Longwood Inc., Kennett Square, Pa.

Buttercup of Rosemont 66209—Fairfax County Breeders' Assn. to R. J. Miller & Son, Oakton, Va.

Buttercup's Beauty of Prentice 104865—C. A. Peterson to F. W. Meyer, Barron, Wis.

Caroline of Woodcrest 101995—Thomas Cuff to H. W. Wigman, Lansing, Mich.

Caroline of Woodcrest 101995—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.

Caroline of Woodcrest 101995—A. C. Ramseyer to Erwin Bros., North Lawrence, Ohio.

Caro of High Rock 2d 77436—Est. E. S. Thomas to J. P. Broadhurst & William Queripel, Groton, Conn.

Carrie of Linwood 76071—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Carrie of Windermere 57200—Guy H. Smith to Richard K. Williams, Onekama, Mich.

Casa's Pearl 45880—C. W. Pace to Adams Bros., Mondovia, Wis.

Catherine of Sarnia 52782 (Imp.)—J. Russell Danks to D. D. Elliott, Wisacky, S. C.

Catherine of Sarnia 52782 (Imp.)—D. D. Elliott to M. B. Watson, Ridge Spring, S. C.

Charlotte's Daisy Top 87552—Moses Eaby to Joseph Mote, Strickersville, P.

Charmante's Queen 104920—A. L. Emmons to Miss Jewel Brooks, South Hill, Va.

Cherry Blossom of Merry Dale 100610—R. C. Finney to C. M. Worley, Mercer, Pa.

Chywoone Gardenia 67667 (Imp.)—J. L. Hope to Ramapo Developing Co., Mahwah, N. J.

Cinderella of Linwood 76073—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Cinna 2d's Baby 25201—F. W. Kimball to T. P. Peterson, Blooming Prairie, Minn.

Clarabell Nerio 100908—Thomas Cuff to H. W. Wigman, Lansing, Mich.

Clarabell Nerio 100908—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.

Clarabell Nerio 100908—A. C. Ramseyer to Erwin Bros., North Lawrence, Ohio.

Clara of Cicero 77098—Nels Nelson to Fred Evans, Seymour, Wis.

Clara's Bonnie Bess of Cauldalpin 63293—A. T. Herd to E. F. Price, Port Chester, N. Y.

Clara's Rose of Glanville Farms 92506—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Clare of Jefferson 2d 43975—J. A. Gregg to J. R. Kearns, Butler, Pa.

Clingstone of Anna Dean Farm 47032 (Imp.)—Est. O. C. Barber to A. B. Smythe, Cleveland, Ohio.

Clio C. 74244—E. G. Crowell to Albert C. Loring, Minneapolis, Minn.

Conscript's Dream 104767—E. R. Downs to Robert Stark, Cadott, Wis.

Countess of Oak Grove 2d 69594—E. E. Sweet to J. R. Nostrum, Detroit, Mich.

Count of Athenia's Janet 58264—Joseph Golinvaux to Will H. Payne, Cedar Falls, Iowa.

Cream of Sun Set View 73930—J. A. Swoveland to J. R. Swoveland, Willshire, Ohio.

Criterion's Nel of Melrose 82015—Jacob A. Van Atten to Amasa Slingerland, Delmar, N. Y.

Criterion's Victoria 82016—Amasa Slingerland to Jacob A. Van Atten, Feura Bush, N. Y.

Currieda Hope 36486—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Cymric of Anna Dean Farm 2d 59176—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.

Dafney's Maggie 64434—G. M. Sanderson to Ace Rowe, Woodward, Iowa.

Daisy B. of Hazel Dell 105021—George C. Brewer to Arno Seidel & Bros., Bradford, Ohio.

Daisy of Crystal Creek 53274—J. J. Jackson to Lewis Bryant, Garrettsville, Ohio.

Daisy of Mara Alva 2d 85526—A. C. Ramseyer to D. D. Elliott, Wisacky, S. C.

Daisy of Mara Alva 2d 83526—D. D. Elliott to S. W. Ferguson, Catawba, S. C.

Daisy II. of Richmond Cottage 44716 (Imp.)—James C. Austin to E. H. McKinnon, Rowland, N. C.

Daisy of Valley View 32930—James C. Austin to J. W. McCoy, Rowland, N. C.

Daisy Pearl's Tulip of A. D. F. 74576—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.

Daisy Sunbeam of Sidling Hill Farm 98926—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.

Dawn of SunSet View 80144—C. A. Peterson to John R. Dickey, Bristol, Va.

Dawn of The Highlands 56709 (Imp.)—J. L. Hope to Albert Winter, Mahwah, N. J.

Deanie of Florham 34671—J. L. Hope to John C. Haartz, Campton, N. H.

Deanie of Osceola Farms 60707 (Imp.)—Ward J. Ramseyer to D. D. Elliott, Wisacky, S. C.

Deanie of Osceola Farms 607 7 (Imp.)—D. D. Elliott to N. A. Johnson, Warrenton, Ga.

Delivena 59935—Fred W. Card to Spencer Gerrert, Columbia Cross Roads, Pa.

Dinah Oaklawn 79780—Mrs. Fanny M. Crane to Vernon K. Sherburne, Grantsburg, Wis.

Dixie Midget of Merry Dale 95325—R. C. Finney to C. M. Worley, Mercer, Pa.

Dolly of High Rock 40508—Est. E. S. Thomas to J. P. Broadhurst & William Queripel, Groton, Conn.

Donnington Jubilee 8th 75519 (Imp.)—William DeMott to S. D. M. Guess & Son, Denmark, S. C.

Donnington's Jewel of Idylewilde 93204—W. J. Stevenson to L. P. Martiny, Chippewa Falls, Wis.

Dono di Madre 104807—C. G. Dondero to Raymond C. Alley, North Vassalboro, Maine.

Dora's Pride of Glendale 56510—M. J. Shered to Luther Batt, Marcellus, Mich.

Dorena of Chestnut Hill 24592—J. W. Rice to Isaac E. Emerson, Lutherville, Md.

Doris of Willow Grove 49920—William A. Johnson to J. C. Fullerton, Fairfax, Minn.

Dortha B. 105044—John Ballein to W. W. Hixon, Monongahela, Pa.

Doxy S. 54799—F. D. E. Stowe to Arthur D. Potter, Greenfield, Mass.

Duchess Girl of Elk Meadow 103219—John F. Stallman to Lloyd Rundell, Roberts, Wis.

Duchess of Stoneholm 83645—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Duchy of Trianon 64591—W. J. Stevenson to L. P. Martiny, Chippewa Falls, Wis.

Duke's Nelly of Riverview 93292—John Wanko to Albert G. Buckley, Valley Falls, N. Y.

Editha of Arcadia 39004—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Edith of Portland 54137—Louis B. Schram to Abner A. Badger, Long Branch, N. J.

Edna J. of X-L-Land 82512—B. L. Snyder to George Ghering, Bloomer, Wis.

Eglah's Hope 32624—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Eileen of Bellmath 34772—Cramton & Lobdell to Albert D. Mills, Florence, Vt.

Eileen of the Cedars 59734—R. P. Guptill to Chequamegon Guernsey Association, Ashland, Wis.

Eleanor of Portland 2d 77720—Louis B. Schram to Charles H. Zehnder, Allenhurst, N. J.

Elf De Gron 71088—S. D. Henry to Cleophas Conkle, Layland, Ohio.

Elite of R. V. 94902—F. A. Lindsay to Fred H. Quimby, East Barnet, Vt.

Elizabeth Jones 42281—Harold S. Taylor to Henry Davis Eutsler, Nottingham, Pa.

Ella of Greenville 78350—R. C. Finney to C. M. Worley, Mercer, Pa.

Ellsworth's Competitor 104679—Frank S. Mills to Emma Ellsworth, Burlington Flats, N. Y.

Elo's Bonny 51818—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Erna of Liberty 2d 62277—C. R. Stewart to W. J. Royer, Orrville, Ohio.

Erna of Liberty 2d 62277—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.

Erna of Liberty 2d 62277—A. C. Ramseyer to H. C. McCamon & Son, Lisbon, Ohio.

Erna of Liberty 2d 62277—H. C. McCamon & Son to W. G. Dye, Richburg, S. C.

Esquire's Ramona 104615—Charles F. Rumbaugh to C. S. Wertz, Greensburg, Pa.

Esther Dombey of Lone Oak 36512—S. S. Lipely to J. L. Engle, Beloit, Ohio.

Esther Dombey's Buttergirl Rose 104894—S. S. Lipely to J. L. Engle, Beloit, Ohio.

Ethel Twilight 89231—A. C. Ramseyer to D. D. Elliott, Wisacky, S. C.

Ethel Twilight 89231—D. D. Elliott to L. F. Montgomery, Bishopville, S. C.

Ethel Twilight 89231—B. E. Williams to A. C. Ramseyer, Smithville, Ohio.

Evergreen Hope 82827—Erwin Bros. to D. D. Elliott, Wisacky, S. C.

Evergreen Hope 82827—D. D. Elliott to R. B. Caldwell, Chester, S. C.

Fair Lady Austella 99432—F. J. Wood to Martin L. Shively, Cassopolis, Mich.

Fairview's Golden Irene 59192—Frank Grimm to W. W. Noll, Marshfield, Wis.

Faith of Stoneholm, 82589—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Fancy Fleurie 97183—J. L. Hope to W. R. West, New Bedford, Mass.

Fantine's Heiress, Eudamar 37607—N. J. Hitchcock to Fred Wilcox, Lebanon, N. Y.

Fantine's Heiress, Eudamar 2d 37610—N. J. Hitchcock to Fred Wilcox, Lebanon, N. Y.

Fan Woodburn 25026—J. L. Hope to Chautauqua Farms Co., South Dayton, N. Y.

Faye Snowdoun 36173—Christ & Nels Anderson to Harry Bros., Curtiss, Wis.
Ferna's Oliven 37099—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.
Fern of Prairie Mound 67602—D. P. Daniels & Son to F. A. Daniels, Vandalia, Mo.
Fircrest Rosebud 104779—R. A. Tillman to A. MacRae Smith, Bellingham, Wash.
Flodell Charmante 64623—J. Russell Danks to D. D. Elliott, Wisacky, S. C.
Flodell Charmante 64623— D. D. Elliott to Gibson & Dye, Richburg, S. C.
Flodell Cherry 99242—J. Russell Danks to D. D. Elliott, Wisacky, S. C.
Flodell Cherry 99242—D. D. Elliott to J. O. Scott, Morgana, S. C.
Flora of Cicero 77096—Nels Nelson to August Grunwaldt, Black Creek, Wis.
Flora of la Corbiere 51974 (Imp.)—Morris Anderson to L. P. Martiny, Chippewa Falls, Wis.
Florence Gertrude of Camp Run 99527—Robert L. Mellon to A. C. Ramseyer, Smithville, Ohio.
Florence of High Rock 86584—Est. E. S. Thomas to J. P. Broadhurst & William Queripel, Groton, Conn.
Florham Cornflower 98499—J. L. Hope to W. R. West, New Bedford, Mass.
Florham Fancy Rose 90235—J. L. Hope to Glenden Land Co., Wilmington, Del.
Florham Gardenia 101668—J. L. Hope to William D. Mahony, Averill Park, N. Y.
Florham Gold Beauty 98497—J. L. Hope to William D. Mahony, Averill Park, N. Y.
Florham Josephine 95187—J. L. Hope to H. G. Haskell, Cossart, Pa.
Florham Laurel 76075—George M. White to J. L. Hope, Madison, N. J.
Florham May-time 90234—J. L. Hope to Glenden Land Co., Wilmington, Del.
Florham Penuchie 63937—A. T. Herd to E. F. Price, Port Chester, N. Y.
Florham Two-step 90231—J. L. Hope to Glenden Land Co., Wilmington, Del.
Florham Waltz 95185—J. L. Hope to William Rawlings, Sandersville, Ga.
Florodora May of Tristram Farm 104895—C. B. Collins to Tristram Farm Company, Eau Claire, Wis.
Florodora's Bessie of the May 71825—C. B. Collins to G. R. Ingalls, Eau Claire, Wis.
Flossie May Royal of Summit Dale 57432—W. A. Hickman to Orton Hough, Smithton, Pa.
Flossie of Linwood 76072—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.
Flossie Rose Bud 51782—Mrs. O. Hagen to H. G. Miller, Sheyenne, N. Dak.
Flotilda of High Rock 90047—W. S. Thomas to J. P. Broadhurst & William Querpiel, Groton, Conn.
Fly of Schleswig 104955—R. A. Feile to Anton Ramminger, Elkhart Lake, Wis.
Follyland Katydid 78500—J. L. Hope to Ware Shoals Mfg. Co., Ware Shoals, S. C.
Follyland Keturah 80366—J. L. Hope to Ware Shoals Mfg. Co., Ware Shoals, S. C.
Follyland Nancy 52457—Emma C. Herd to E. F. Price, Port Chester, N. Y.
Florham Nellie 80307—J. L. Hope to Mrs. Irma B. Levy, Dobbs Ferry, N. Y.
Follyland Peerless Woodsey 63815—J. L. Hope to Mrs. Paul Moore, Convent, N. J.
Follyland Questa Bloom 60815—J. L. Hope to E. F. Price, Port Chester, N. Y.
Frances of Hidden Valley 76410—Palo Alto Stock Farm to J. M. Warren, Santa Barbara, Cal.
Frau of Hartwood 67981—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.
Frenchman's Blanche of Springdale 79172—Ole I. Thorstad to Clarence I. & Oscar L. Thorstad, Wautoma, Wis.
Frenchman's Queen of Springdale 72506—Ole I. Thorstad to Clarence I. & Oscar L. Thosrtad, Wautoma, Wis.
Froome's Princess Marie of Mara Alva 83905 (Imp.)—James C. Austin to J. W. McCoy, Rowland, N. C.
Gaiety of Rocklawn 85798—Mrs. James G. Freeman and Misses L. W. & M. R. Case to Miss L. W. Case, Weston, Mass.
Gaiety's Jewel of West View 43495—J. L. Hope to Stanley Pigeon, North Caldwell, N. J.
Galaxy's Harriette's Queen 59299—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Galaxy's Helen of Greenville 73591—R. C. Finney to C. M. Worley, Mercer, Pa.
Galaxy's Morma of Greenville 67276—R. C. Finney to C. M. Worley, Mercer, Pa.
Gallia 41474—Mrs. James G. Freeman and Misses L. W. & L. M. R. Case to Miss L. W. Case, Weston, Mass.
Gay Girl of Fair view 98447—David A. Hamilton to Peter Cologna & Sons, Marshfield, Mo.
Gay Lad's Primrosebud 76635—C. B. Collins to Tristram Farm Company, Eau Claire, Wis.
Georgiana of Rocklawn 36985—Mrs. James G. Freeman & Misses L. W. & M. R. Case to Miss L. W. Case, Weston, Mass.
Georgia of High Rock 82994—Est. E. S. Thomas to J. P. Broadhurst & William Queripel, Groton, Conn.
Gillia's Queen 63313—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Gilliflower of Rocklawn 95912—Mrs. James G. Freeman & Misses L. W. & M. R. Case to Miss L. W. Case, Weston, Mass.
Glenburnie Girl of Indian Bridge 91579—J. L. Hope to William Rawlings, Sandersville, Ga.
Glennie of Iowla 56650—C. B. Collins to Tristram Farm Company, Eau Claire, Wis.
Glenora Golden 99903—D. H. Leary to G. H. Chitwood, Viola, Wis.
Glenwood's Emeline of Alswell 83514—William J. Lemp to D. A. Robinson, Rolla, Mo.
Glenwood's Fair Lady 59762—F. J. Wood to Martin L. Shively, Cassopolis, Mich.
Glenwood's Galaxy Daisy 97885—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Glenwood's Harriette of Chestnut Hill 40774—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Golden of Rocklawn 75865—Mrs. James G. Freeman and Misses L. W. & M. R. Case to Miss L. W. Case, Weston, Mass.
Golden Rod of West View 38934—J. L. Hope to G. W. St. Amant, North Falmouth, Mass.
Goldenrod's Easter's May 79180—A. T. Herd to Frank A. Slocum, East Hampton, Conn.
Golden Rod's Rosalie 92204—J. L. Hope to G. W. St. Amant, North Falmouth, Mass.
Goldfinch of Rocklawn 75866—Mrs. James G. Freeman and Misses L. W. & M. R. Case to Miss L. W. Case, Weston, Mass.
Goldie of Brookwood 60702—C. C. Thompson to Oscar Thompson, Black River Falls, Wis.
Goldie of Yellow Birch 78243—Thomas H. Opatik to August Johnanik, Moquah, Wis.
Goldmead's Ultra Beauty 81920—Sherman Spillers to Cleophas Conkle, Layland, Ohio.
Gold Princess 68813—A. T. Herd to E. F. Price, Port Chester, N. Y.
Goldseeker's Bell 73625—Cyrus Hover to A. C. Ramseyer, Smithville, Ohio.
Governor's Brown Eyes of Anna Dean Farm 60385—Est. O. C. Barber to A. B. Smythe, Cleveland, Ohio.
Governor's Hazel of Sunnyside 78523—W. A. Alexander to Henry C. DeLano, Elba, N. Y.
Governor's Pride of Springdale 96340—Ole I. Thorstad to Clarence I. & Oscar L. Thorstad, Wautoma, Wis.
Grace Berry of Cold Brook Farm 70885—Charles H. Berry to Bitter Root Guernsey Breeders' Association, Stevensville, Mont.
Grace of Bexley 99951—D. J. Schaaf to Ilvan Sheets, Dixon, Ohio.
Grand Lady 73403—Mrs. James G. Freeman and Misses L. W. & M. R. Case to Miss L. W. Case, Weston, Mass.
Grassland Eugenie 104809—Robert & Herbert Scoville to J. B. Mabon, Norfolk, Conn.
Grassland Eunice 104808—Robert & Herbert Scoville to J. B. Mabon, Norfolk, Conn.
Gulnare of the Isle 48763 (Imp.)—G. A. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Gulnare's Castelpolly 57815—D. T. Bishop to A. C. Ramseyer, Smithville, Ohio.
Gypsy Girl of Lone Brook Guernsey Farm 77590—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Gypsynette of Lone Brook Guernsey Farm 77591—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Gypsy Rose of Lynden 33500—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Gypsy Rose of Lynden 2d 53488—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Gypson's Queen 2d's Beauty 68289—Wayne M. Pace to Adams Bros., Mondovi, Wis.
Hambro's Luetilius 66829—Ralph Tratt to University of Wisconsin, Madison, Wis.
Hart's Frau 72201—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.
Hartwood Lady Astrid 84579—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.
Hayes Golden Cherry 16th 67895 (Imp.)—W. W. Marsh to E. F. Price, New York N. Y.
Hazel Fern of Maple Glen 34074—L. L. Coggshall to Chautauqua Farms Co., South Dayton, N. Y.
Hazel of Rockstone 54667—Perre Lundberg to W. T. Peyton, Fredericksburg, Va.
Hebe of High Rock 2d 50194—Est. E. S. Thomas to J. P. Broadhurst & William Queripel, Groton, Conn.
Helen Queen of Border Raider 103195—James C. Austin to J. W. McCoy, Rowland, N. C.
Herdlea Esther 101500—A. T. Herd to E. F. Price, Port Chester, N. Y.
Herdlea Fleurette 103438—A. T. Herd to Ernest H. Burns, Saint Michaels, Md.
Her Ladyship 86461—J. L. Hope to C. S. McCall, Bennettsville, S. C.
Hero's Vinia 79412—Andrew Walton to Loren Dygert, Alto, Mich.
High Born Lady of Maple Glen 69220—L. L. Coggshall to Chautauqua Farms Co., South Dayton, N. Y.
Hilda's Pet of Elderon 102059—A. J. Plowman to Joe Zormski, Hatley Wis.
Hildesheimess 2d 35103—J. L. Hope to Charles C. Wickwire, Cortland, N. Y.
Hildesheimess 2d's Beauty 82891—J. L. Hope to Glenden Land Co., Wilmington, Del.
Holden's Queen of Salem 62384—A. C. Jones to C. A. Peterson, Holyoke, Minn.
Hollin Hall Lang May Rose 92517—Fairfax County Breeders' Assn. to John McCormack, Noroton, Conn.
Hollin Hall Regal Piquette 100459—Fairfax County Breeders' Assn. to F. H. Curtice, Fairfax, Va.
Hollin Hall Regina 72390—Fairfax County Breeders' Assn. to Harry Blake, Vienna, Va.
Hollin Hall Susanna Harvester 100461—Fairfax County Breeders' Assn. to W. H. Ellmore, Herndon, Va.
Homestead Mandy de Chene 41431—C. R. Stewart to W. J. Royer, Orrville, Ohio.
Homestead Mandy de Chene 41431—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Homestead Mandy de Chene 41431—A. C. Ramseyer to H. C. McCamon & Son, Lisbon, Ohio.
Homestead Mandy de Chene 41431—H. C. McCamon & Son to Alex Macdonald, Blackstock, S. C.
Honey Girl 104948—C. G. Rice to Joseph W. Senior, Ipswich, Mass.
Honora of Walter Phipps Farm 104730—E. E. Sweet to Walter Phipps, Detroit, Mich.
Hope of Oakwood 90241—E. B. McCutcheon to Andreas Westergaard, Bishopville, S. C.
Hougue's Maid of Mara Alva 104658—Cyrus Hover to A. C. Ramseyer, Smithville, Ohio.
Hustler's Little Girl 64638—C. E. Stauffer to Frank Huff, Wadsworth, Ohio.
Ida Bell of Pleasant Walk 104715—James C. Austin to E. H. McKinnon, Rowland, N. C.
Ida Chene's Queen of the May 75829—A. T. Herd to John W. German, Redding, Conn.
Idalene of Sarnia 104947 (Imp.)—Charles L. Hill & Son to Ingalls Farm Company, Fond du Lac, Wis.
Ideale Count of Brock Hill 51272—J. J. Smith & Son to Greer Bros., Newbury, Vt.
Ilinka of Sarnia 104943 (Imp.)—Charles L. Hill & Son to W. G. Jones, Pickett, Wis.
Inez Morrill of Cold Brook Farm 81372—Charles H. Berry to Bitter Root Guernsey Breeders' Association, Stevensville, Mont.
Inez Rockingham 104617—William Rawlings to W. H. Thomas, Winder, Ga.
Iredell's Prince's Viviane 70476—C. A. Groome to F. H. & J. L. Beall, Linwood, N. C.
Irene of Maple Glen 26473—L. L. Coggshall to Chautauqua Farms Co., South Dayton, N. Y.
Irene of Sholan Farms 45114—Frank Grimm to W. W. Noll, Marshfield, Wis.
Iris of Bowood 90809—L. F. Loree to Ware Shoals Mfg. Co., Ware Shoals, S. C.
Isabel of The Highlands 78911—J. L. Hope to Ware Shoals Mfg. Co., Ware Shoals, S. C.
Jane of Locust Dale 79998—J. W. Winkler to W. E. Wright, Akron, Ohio.
Jane of Shady Glen 102453—William A. Chrisinger to Charles Chrisinger, Hixton, Wis.
Janet of Glen Cove 31816—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Janet of Lynden 57370—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Jaonnets Pansy 75400 (Imp.)—E. C. Clifford to W. D. Mahony, Averill Park, N. Y.
Jeanette of Lone Brook Farm 96966—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Jeanette of Oakhurst 4th 88360—Frank A. Hotchkiss to J. G. Butler, Roxbury, Conn.
Jennie S's Pet of the Truesdale 99439—C. R. Stewart to W. J. Royer, Orrville, Ohio.
Jennie S's Pet of the Truesdale 99439—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Jennie S's Pet of the Truesdale 99439—A. C. Ramseyer to H. C. McCamon & Son, Lisbon, Ohio.
Jennie S's Pet of the Truesdale 99439—H. C. McCamon & Son to W. G. Dye, Richburg, S. C.
Jennie's Princess of Crane Farm 57040—R. C. Zimmerlee to Jesse H. Hurdle & Son, Huntington, Ind.
Jennie S's Pride 99443—C. R. Stewart to W. J. Royer, Orrville, Ohio.
Jennie S's Pride 99443—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Jennie S's Pride 99443—A. C. Ramseyer to H. C. McCamon & Son, Lisbon, Ohio.
Jennie S's Pride 99443—H. C. McCamon & Son to R. M. Cooper Jr., Wisacky, S. C.
Jennie S.'s Pride 99443—R. M. Cooper Jr., to J. D. Hinds, Kingstree, S. C.
Jess of Meadow Spring Farm 50077—H. J. Lowman to Amos Bryan, Perkasie, Pa.
Jess of Meadow Spring Farm 50077—Amos Bryan to Amos Rothenberger, Worcester, Pa.
Jethro's Nancy 104949—Est. John Hopewell to Hugh D. Scott, Needham, Mass.
Jinny Martha 100190—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Jinny of Elmbrook 42204—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Julia of Wallbridge 93815—Vincent Phelps to William D. Mahony, Averill Park, N. Y.
June of Borad Vista 61754—Charles H. Berry to Bitter Root Guernsey Breeders' Association, Stevensville, Mont.
June's Golden Maid of Highland 103241—Barnett Bros. to Orton Hough, Smithton, Pa.
Kathleen Cottie 2d's Daughter 33305—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.
Kathryn Flodell 64622—J. Russell Danks to D. D. Elliott, Wisacky, S. C.
Kathryn Flodell 64622—D. D. Elliott to R. A Smith, Lynchburg, S. C.
Kathryn Kidder of Maplecrest 57349—C. R. Stewart to W. J. Royer, Orrville, Ohio.

Kathryn Kidder of Maplecrest 57349—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.

Kathryn Kidder of Maplecrest 57349—A. C. Ramseyer to H. C. McCamon & Son, Lisbon, Ohio.

Kathryn Kidder of Maplecrest 57349—H. C. McCamon & Son to W. G. Dye, Richburg, S. C.

Kathryn May 67199—A. C. Ramseyer to D. D. Elliott, Wisacky, S. C.

Katonah's Lilly Belle 58885—L. L. Coggshall to Chautauqua Farms Co., South Dayton, N. Y.

Katura of Arcadie 60885—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Kennetha 101289—C. R. Stewart to W. J. Royer, Orrville, Ohio.

Kennetha 101289—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.

Kennetha 101289—A. C. Ramseyer to H. C. McCamon & Son, Lisbon Ohio.

Kennetha 101289—H. C. McCamon & Son to J. S. Clowney, Blairs, S. C.

King of the May's King's Daughter 55894— O. W. Lehmann to Fred J. Behrens, Grayslake, Ill.

King's Christine of A. D. F. 66114—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.

King's Friesolette 40458—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.

King's Kathleen of A. D. F. 77547—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.

King's Pearl 73624—Cyrus Hover to A. C. Ramseyer, Smithville, Ohio.

King's Polly Ann 55118—Cyrus Hover to A. C. Ramseyer, Smithville, Ohio.

King's Polly Ann Belle 90203—Cyrus Hover to A. C. Ramseyer, Smithville, Ohio.

King's Polly Ann Jewell 76261—Cyrus Hover to A. C. Ramseyer, Smithville, Ohio.

Kremo's Choice 43730—J. J. Jackson to Lewis Bryant, Garrettsville, Ohio.

Laddie's Dolly of Brookdale 84186—S. R. Nissley to H. A. & W. O. Schell, Sellersville, Pa.

Laddie's Mobile Girl 102959—E. R. Downs to A. G. Brunstad, Eagle Point, Wis.

Laddie's Village Queen 100700—A. C. Ramseyer to D. D. Elliott, Wisacky, S. C.

Laddie's Village Queen 100700—D. D. Elliott to Paul Hardin, Chester, S. C.

Lady Glow of Cloverdell 62564—James M. Dunkel to Amos Bryan, Perkasie, Pa.

Lady Ultra of Highland Place 104950—Will H. Payne to Joseph Golinvaux, Waterloo, Iowa.

Lady Ultra of Highland Place 104950—Joseph Golinvaux to John Pipho, Readlyn, Iowa.

La France of Bralee 90617—R. A. Tillman to A. MacRae Smith, Bellingham, Wash.

Lady Aven 54420—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Lady Clare of South Side 27414—R. B. Robertson to H. B. Gould, Sparta, Wis.

Lady de la Charruee 74550 (Imp.)—J. M. Sterling to W. N. Davis, Gastonia, N. C.

Ladylee of Prairie Mound 93252—D. P. Daniels & Son to M. M. Daniels, Vandalia, Mo.

Lady Like of Portland 76009—Louis B. Schram to Charles H. Zehnder, Allenhurst, N. J.

Lady Munroe of A. D. F. 66069—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.

Lady Snow of Arenac 91417—A. C. Ramseyer to D. D. Elliott, Wisacky, S. C.

Lady Snow of Arenac 91417—D. D. Elliott to W. B. Stringfellow, Lewis, S. C.

Lady Sylvia of Green Acre 82675—J. L. Hope to William D. Mahony, Averill Park, N. Y.

Lady Zebbaline of Rocky Reach 76121—J. L. Hope to Charles H. Sabin, Southampton, N. Y.

Lady Why of Lakeview 95284—C. L. & L. M. Arnold to Albert C. Loring, Minneapolis, Minn.

Langwater Emerald 54801—Fairfax County Breeders' Assn. to John McCormack, Noroton, Conn.

Langwater Lady Fair 49697—Howard Atwood to E. E. Hills, Shrewsbury, Mass.

Lattingtown Girl 93945—Clifford V. Brokaw to Guernsey Curran, Oyster Bay, N. Y.

Laura of Chippewa 53419—C. B. Collins to Tristram Farm Company, Eau Claire, Wis.

Laura of Cicero 77097—Nels Nelson to August Grunwaldt, Black Creek, Wis.

Lauretta of Arcadia 60886—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Lena Eglantine of Big Tree Farm 101197—James M. Dunkel to Edward Rile, Blue Bell, Pa.

Lena of Buttercup Daisy 105027—Levi Ressler Jr. to A. C. Ramseyer, Smithville, Ohio.

Leone's Lady 104940—Bertle P. Wind, Jr. to Charles Ewing, Fort Lupton, Colo.

Leota's Dairymaid of Wilruss 104671—C. A. Nelson to Harold C. Wheeler, Wausau, Wis.

Le Vauquiedor Maid of Ypres 75386 (Imp.)—J. L. Hope to Ware Shoals Mfg. Co., Ware Shoals, S. C.

Liberty Belle of Amherst Junction 79792—George E. Larson to Abe Anderson, Ashland, Wis.

Liberty Girl Highland of Mara Alva 92267—Daniel Ramseyer to D. D. Elliott, Wisacky, S. C.

Liberty Girl Highland of Mara Alva 92267—D. D. Elliott to J. M. Sterling, Cornwell, S. C.

Lila of Loberg Glen 71026—Est. L. L. Loberg to R. G. Lindstrom, Ellsworth, Wis.

Lill of Sun Set View 96623—J. A. Swoveland to J. R. Swoveland, Willshire, Ohio.

Lily Belle of Riverview 103207—Charles L. Moore to C. K. McDonald, Bloomsburg, Pa.

Lily Buttercup of Maple Lawn 91883—George R. McNary to S. T. Lopes, Greensburg, Pa.

Lily of Big Tree Farm 101198—James M. Dunkel to Amos Bryan, Perkasie, Pa.

Little Bopeep of Rivernook 86890—William Welte to Nelson E. Morse, Deer River, Minn

Lizzie of Meadowbrook 59782—Albert G. Buckley to Perre Lundberg, Schagticoke, N. Y.

Locust Lane Lustre 103465—Wilbur H. Hinkle to I. G. Beck, Galion, Ohio.

Locust Lane Marie 103464—Wilbur H. Hinkle to I. G. Beck, Galion, Ohio.

Lord's Beauty Lady of Riverside 71663—Willis Hall & Son to Rogers Bros., Addison, Mich.

Loretta Daisy 85100—Merickel & Nelson to Fred Halberg, Atwater, Minn.

Loretta of Cicero 97895—Nels Nelson to August Grunwaldt, Black Creek, Wis.

Lorna Dee 3d 72771—Clark J. Luce to Norris B. Luce, Anson, Maine.

Louvia of Arcadia 67649—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Lovey of Guernsey Hill 32120—Roy J. Coombe to William E. Erickson, Ironwood, Mich.

Lucile's June Maid 86741—A. R. Pamperin to Oscar Komula, Arnheim, Mich.

Lucile's May Rose of the Ridge 82755—Fred C. Gleason to Guy H. Smith, Galien, Mich.

Lucile of Forest Hill 84106—R. L. Thomason to C. L. Neel, Salisbury, N. C.

Mabel of Glanville Farms 87741—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Ma Carriere's Elsie 77318 (Imp.)—J. S. Yoder to D. D. Elliott, Wisacky, S. C.

Ma Carriere's Elsie 77318 (Imp.)—D. D. Elliott to C. B. Abell, Lowryville, S. C.

Maggie of Bon Ayre 71378—M. E. Miller to John McCormack, Noroton, Conn.

Major's Sarah of Cliff 104744—Finlay Sinclair to Nobles Bros., Bow, Wash.

Manager Belle 85435—J. A. Swoveland to J. R. Swoveland, Willshire, Ohio.

Manoa's Favorite 59439—Ben Sire to Harry R. Barry, Far Hills, N. J.

Maple Glen Miss Silklight 73979—L. L. Coggshall to Chatauqua Farms Co., South Dayton, N. Y.

Margaret of Nemadji 49409—A. C. Jones to C. A. Peterson, Holyoke, Minn.

Margaret of Ostrich Farm 58930—J. L. Hope to Ramapo Developing Co., Mahwah, N. J.

Maria May 104941—Bertle P. Wind, Jr. to Charles Ewing, Fort Lupton, Colo.

Marie of Nemadji 64926—A. C. Jones to C. A. Petersen, Holyoke, Minn.

Marie II. of Valnord 104946 (Imp.)—Charles L. Hill & Son to Old Home Stock Farm, Van Dyne, Wis.

Marie of White Farm 104891—George W. White to E. Temple White, Granville, N. Y.

Marquette's Pride 47418—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Marsh's Jewel 29811—Frank C. Fisher to Harry Durnell, Portersville, Pa.

Mar's Buttercup of C. L. G. Farm 105025—Wallace Bros. to Henry Brahmer, Oshkosh, Wis.

Mar's Lady 104942—J. R. McLellan to S. D. M. Guess & Son, Denmark S. C.

Martha of Upton Pyne 46318—Clarence Gillam to H. A. Bliss, Madison, N. J.

Masher's Flower De Lubin of Angra 75196—R. C. Krueger to J. W. Marley, Oswego, Kansas.

Masher's Janice of Ralstonhurst 2d 104666—W. W. Ralston to Mrs. J. M. Schoonmaker, Pittsburgh, Pa.

Matilda of Stoneholm 87779—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

May Katherine 91477—J. L. Hope to R. M. McIntosh, Sharon, Mass.

May King's Bright Light of A. D. F. 63592—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.

May King's Galaxy Girl 99780—Cleophas Conkle to Walter C. White, Gates Mills, Ohio.

May King's Galaxy Girl 99780—Walter C. White to Winsor T. White, Chagrin Falls, Ohio.

May Queen of Rocky Reach 87860—J. L. Hope to Chautauqua Farms Co., South Dayton, N. Y.

May Rose Diamond of Chelsea Farm 104604—Clarence Deshong to Henry S. Cullins, Devon, Pa.

May Rose Diamond of Chelsea Farm 104604—Henry S. Cullins to John S. Latta, Philadelphia, Pa.

Meadow Maid of Willow Brook 60943—Est. Irving Lockwood to Alexander G. Raymond, New Canaan, Conn.

Meadow Spring Flossie 104805—H. J. Lowman to Amos Bryan, Perkaie, Pa.

Meadow Spring Flossie 104805—Amos Bryan to Amos Rothenberger, Worcester, Pa.

Melrose Goldie's Queen 101451—Bert Parish to Theodore Christiansen, Ringsted, Iowa.

Merry Anton's Susan 92903—James M. Dunkel to Amos Bryan, Perkasie, Pa.

Midsummer Night Sequel 46167—Est. O. C. Barber to Lincolr Memorial University, Harrogate, Tenn.

Midway's Cora 105023—C. F. Hess to Oscar Spayd, Lititz, Pa.

Mignon's Star 40386 (Imp.)—C. B. Collins to G. R. Ingalls, Eau Claire, Wis.

Millwood May 83810—J. L. Hope to William Rawlings, Sandersville, Ga.

Milly of Eastside 59755—Albert G. Buckley to Perre Lundberg, Schaghticoke, N. Y.

Milly of Lyndale 88330—Merickel & Nelson to Harm J. Koenen, Clara City, Minn.

Mine's Princess 51156—The Winters Dairy Company to Cleophas Conkle, Layland, Ohio.

Min Gump 82769—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Miranda of Maplewood 2d 97884—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.

Miss Arbela of Linwood 70472—R. P. Guptill to Gottleleib Seehafer, Marshfield, Wis.

Miss Bella of Rocky Reach 2d 68460—J. L. Hope to Miss Ruth V. Twombly, Madison, N. J.

Miss Emma of Round Hill 85131—James M. Babbitt to Malcolm R. Wibberley, Canterbury, Conn.

Miss Goodwin 68060—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.

Miss Joy 64539—C. A. Groome to F. H. & J. L. Beall, Linwood, N. C.

Miss Joy's Pride 86409—C. A. Groome to Sanford & Cartner, Mocksville, N. C.

Miss Linden's Daisy of Hopson Place 104816—F. G. Benham to Thomas Usborne, Westfield, N. Y.

Missy Willow 33889—A. O. Oleson to H. R. Andrew & E. Nelson, Livingston, Wis.

Mixter Dora 62940—J. L. Hope to H. G. Haskell, Cossart, Pa.

Monarch's Princess 104939—C. W. Pace to Wayne M. Pace, Monfovi, Wis.

Moonlight King's Nina 79190—C. W. Barron to S. R. Whiting, Holyoke, Mass.

Moonlight's Lakeside Princess 77606—C. W. Barron to S. R. Whiting, Holyoke, Mass.

Mrs. Warner 72309—Est. George Chamberlain to Frank P. Frazier, Ipswich, Mass.

Muriel of High Rock 29316—Est. E. S. Thomas to J. P. Broadhurst, & William Queripel Groton, Conn.

My Lady Primrose 62756—Thomas Morgan to Verne A. Washburn, Hopkins, Mich.

My Noble Princess 87178—J. L. Hope to Ware Shoals Mfg. Co., Ware Shoals, S. C.

Myrtle of Glen Grove 30013—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.

Myrtle of Lone Brook Guernsey Farm 77592—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.

Myrtle of Maple Grove 41259—R. A. Smith to D. D. Elliott, Wisacky, S. C.

Myrtle of Maple Grove 41259—D. D. Elliott to R. R. Hafner, Chester, S. C.

Nancy of Kodan 104673—Jacob J. Blahnik to Burlin Bunce, Ellsworth, Wis.

Nancy of Rocky Reach 86327—J. L. Hope to William Rawlings, Sandersville, Ga.

Naoma's French Lass of Pleasant Valley 85700—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.

Nellie of Lone Brook Guernsey Farm 87851—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.

Nellie VII. of the Coudre 66016 (Imp.)—J. L. Hope to Longwood, Inc., Kennett Square, Pa.

Neta of Manomet 70444—Charles A. Stone to John Platt, Manomet, Mass.

Neuve Maison of Mara Alva 77230 (Imp.)—R. C. Finney to C. M. Worley, Mercer, Pa.

Neva of Woodcrest 110996—Thomas Cuff to H. W. Wigman, Lansing, Mich.

Neva of Woodcrest 101996—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.

Neva of Woodcrest 101996—A. C. Ramseyer to Erwin Bros., North Lawrence, Ohio.

Nivette's Golden 80308 (Imp.)—J. L. Hope to Ware Shoals Mfg. Co., Ware Shoals, S. C.

Noble Lady of Mayfield 75385 (Imp.)—E. C. Clifford to W. D. Mahony, Averill Park, N. Y.

Norma Jane 92538—G. C. McBane to Charles J. Tempero, Pewaukee, Wis.

Oberland's Pride III. 36451 (Imp.)—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.

Oldelms Dimple 104892—Clayton Guthrie to Jay D. Saunders, Argyle, N. Y.

Olive of Hartwood 67979—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.

Olivette du Bas Seiour 77162 (Imp.)—J. L. Hope to Ware Shoals Mfg. Co., Ware Shoals, S. C.

Osseo IV.'s Dorcas 57799 (Imp.)—J. S. Govin to E. H. Black, Boyceville, Wis.

Paddy's Kathleen 2d 57286—Est. O. C. Barber to A. B. Smythe, Cleveland, Ohio.

Palmyra Princess 64274—William Crenshaw to Charles D. Matthews, Wellington, Kansas.

Pansy of North Hill 101532—C. A. Peterson to F. W. Meyers, Barron, Wis.

Patience of Sylvanite 65167—Richard F. Klemm to L. P. Martiny, Chippewa Falls, Wis.

Patient Masher's Polly 85850—Frank B. Evans to James W. Marcus, Elkton, Md.

Patrician Nelly 2d's Daughter of Bon Ayre 56528—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.

Pattie of Garden's Station 104896—David Wilson to Edwin B. Maule, Coatesville, Pa.

Paul's Meadow Queen 102217—C. M. Paul to E. C. Roller, Staunton, Va.

Pearl's May Queen Glenwood 103299—H. A. Hawks to Amsy Kime, Goshen, Ind.

Pearl Spencer of Walnut Glens 50173—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.

Pencoyd Autocrat's Evangeline 104616—L. S. Murat to Lillian M. Morner, Prentice, Wis.

Piquette of Rosemont 58115—Fairfax County Breeders' Assn. to Southern States Land & Timber Co., West Palm Beach, Florida.
Pocotello's Remoetta 67212—John A. Yoder to D. R. Frick, Conroy, Iowa.
Polly Anna of Wildwood 70744—H. C. Adams to John Springman, Kamrar, Iowa.
Polly of Glanville Farms 87743—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.
Polly's Creusa of Cold Brook Farm 63393—Charles H. Berry to Bitter Root Guernsey Breeders' Association, Stevensville, Mont.
Polly's Queen 90202—Cyrus Hover to A. C. Ramseyer, Smithville, Ohio.
Pretty Dairy Maid of Elmendorf 77363—R. A. Smith to D. D. Elliott, Wisacky, S. C.
Pretty Dairy Maid of Elmendorf 77363—D. D. Elliott to J. M. Caldwell, Cornwell, S. C.
Primrose Beauty of Fern Lake 63768—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Primrose IV. of New Anneville 606049 (Imp.)—James E. Rothwell to J. Walter Brown, Brimfield, Mass.
Princess Bates of Hartzell 104777—Charles R. Hartzell to Floyd R. Hartzell, Renfrew, Pa.
Princess Bess 2d 63678—Nels Jacobson to C. F. Kunzman, Bellingham, Wash.
Princess Dombey of Lone Oak 40116—S. S. Lipely to J. L. Engle, Beloit, Ohio.
Princess Mattie of Sunnyside 54752—S. S. Lipely to J. L. Engle, Beloit, Ohio.
Princess May Bloom 95870—I. W. Boudman to George P. Boudman, Lairdsville, Pa.
Princess of Quesnard II. 66005 (Imp.)—J. L. Hope to William D. Mahoay, Averill Park, N. Y.
Princess of Stoneholm 83644—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Princess's Pearl of Moravia 103749—Wyman R. Hoagland to Mrs. Theodore Johnston, Plains, Mont.
Queechy Ann 93285—F. J. Wood to Martin L. Shively, Cassopolis, Mich.
Queen Isabel of Good Hope 87735—E. G. Crowell to Schwoch Bros., Chelsea, Wis.
Queen Maud of Valders 33025—R. A. Feile to Christ Kraemer, Elkhart Lake, Wis.
Queen of May Rose 28326—Arthur Curtiss James to J. L. Hope, Madison, N. J.
Queen of Rose 64838—Clarence Olson to Schwoch Bros., Chelsea, Wis.
Queen of Shook Farm 39786—C. R Stewart to W. J. Royer, Orrville, Ohio.
Queen of Shook Farm 39786—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Queen of Shook Farm 39786—A. C. Ramseyer to H. C. McCamon & Son, Lisbon, Ohio.
Queen of Shook Farm 39786—H. C. McCamon & Son to Alex Macdonald, Blackstock, S. C.
Queen of Shook Farm 2d 100767—C. R. Stewart to W. J. Royer, Orrville, Ohio.
Queen of Shook Farm 2d 100767—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Queen of Shook Farm 2d 100767—A. C. Ramseyer to Mark Smith, Huntington, Ind.
Queen of Siloam 10 760—C. A. Groome to Sanford & Cartner, Mocksville, N. C.
Queen of Sorrows 53277—Clara F. Moore to George Jay, Rushmore, Minn.
Queen of Sorrows 53277—Goerge Jay to R. L. Wintz, Worthington, Minn.
Queen of Stoneholm 103736—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Queen of Sunny Side Stock Farm 62445—John Teets, Jr. to H. W. Wigman, Lansing, Mich.
Queen of Sunny Side Stock Farm 62445—H. W. Wigman to Edw. F. Bergmann, Alpine, Mich.
Queen of Sweet Clover Farm 104757—Gustav Voigt to George F. Meyer, Valmeyer, Ill.
Queen Olive of Hartwood 104703—H. Stillson Hart to Farmers Finance Corporation, Waco, Texas.
Rachel's Princess of Sunny Side 104999—E. S. Tupper to Lowell Gable, Paoli, Pa.
Raider's Comtesse of Locust Hill 88940—James C. Austin to James Blackwell, Jefferson, S. C.
Raider's Muriel of Waddington 81147—James C. Austin to J. W. McCoy, Rowland, N. C.
Ravenna Girl 99438—C. R. Stewart to W. J. Royer, Orrville, Ohio.
Ravenna Girl 99438—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Ravenna Girl 99438—A. C. Ramseyer to H. C. McCamon & Son, Lisbon, Ohio.
Ravenna Girl 99438—H. C. McCamon & Son to W. G. Dye, Richburg, S. C.
Raymond's Bonnie 64538—J. Leroy Cunningham to F. W. Williams, Indiana, Pa.
Raymond's Lily of Hidden Valley 72653—Palo Alto Stock Farm to J. M. Warren, Santa Barbara, Cal.
Raymond's Yonson Lady 37388—D. P. Daniels & Son to F. A. Daniels, Vandalia, Mo.
Reby of Bexley, 99947—D. J. Schaaf to Miss Louise Baxter, Convoy, Ohio.
Red Rover's Virginia 86408—C. A. Groome to F. H. & J. L. Beall, Linwood, N. C.
Richland's Chief's Pride 94611—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Rita Munro of A. D. F. 66074—Est. O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.
Robert's Dairy Maid of Dellwood 59739—Howard Atwood to Ivo A. Russell, Littleton, Mass.
Robina of Prairie Mound 45803—D. P. Daniels & Son to F. A. Daniels, Vandalia, Mo.
Romerta 24065—Est. L. L. Loberg to Howard F. Joyce, Ashland, Wis.
Rooney of Hickory Grove 66901—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.
Rosalie of X-L-Land 76913—B. L. Snyder to George Gehring, Bloomer, Wis.
Rosebud of Rivernook 86889—William Welte to Nelson E. Morse, Deer River, Minn.
Rosebud's Buddie 60985—H. W. Griswold to F. C. Brown, Gays Mills, Wis.
Rose King's Maid of Hilltop 2d 84214—Daniel Ramseyer to D. D. Elliott, Wisacky, S. C.
Rose King's Maid of Hilltop 2d 84214—D. D. Elliott to J. M. Sterling, Cornwell, S. C.
Rosella M. of Bon Ayre 63476—H. W. Wigman to A. C. Ramseyer, Smithville, Ohio.
Rosella of Green Acre 96349—J. L. Hope to William Rawlings, Sandersville, Ga.
Rose Marie of Rocky Reach 89388—J. L. Hope to James E. Russell, Trenton, N. J.
Rosemead Honoria 76292—James E. Rothwell to J. Walter Brown, Brimfield, Mass.
Rose of Cedar Lane 91068—A. C. Ramseyer to D. D. Elliott, Wisacky, S. C.
Rose of Cedar Lane 91068—D. D. Elliott to A. W. McDavid, Pelzer, S. C.
Rose of Ortonville 74926—A. B. Kaercher to Fred Voeltz, Bigstone City, S. Dak.
Rose of Tregonning 67677 (Imp.)—John C. Haartz to B. C. C. Outerbridge, Flatti, Bermuda.
Rosette's Virginia of Waddington 34832—E. W. Oglebay to John W. McKay, Rowland, N. C.
Rosie of Pomeroy 91564—M. T. Phillips to R. Sanderson, Burgaw, N. C.
Rosie of the Pouqueleh 77186 (Imp.)—J. L. Hope to Ware Shoals Mfg. Co., Ware Shoals, S. C.
Roxie's Queen of Hartzell 92053—Charles R. Hertzell to Floyd R. Hartzell, Renfrew, Pa.
Royal Nivette 95183—J. L. Hope to G. W. St. Amant, North Falmouth, Mass.
Royal Queen of Overland 84955—C. F. Holmes to Hobert Ahrens, Pittsburg, Kansas.
Ruby of Hartzell 92052—Charles R. Hartzell to Floyd R. Hartzell, Renfrew, Pa.
Ruby Princess II. of L'Eclet 100138 (Imp.)—D. B. Smith, Jr., to I. Ben Miller, Cape Girardeau, Mo.
Ruth of Crystal Brook Farm 73128—W. Everett Wolcott to Charles Roberts, Attica, N. Y.
Ruth of Nashawtuc 71638—William Wheeler to Augustus Thorndike, Boston, Mass.
Rutila Gold 93645—James E. van Alstyne to M. D. Covert, North East, Pa.
Sabrina's Rose Bud 57458—Amos Bryan to George F. Tyler, Newtown, Pa.
Sara of the Truesdale 98904—C. R. Stewart to W. J. Royer, Orrville, Ohio.
Sara of the Truesdale 98904—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Sara of the Truesdale 98904—A. C. Ramseyer to H. C. McCamon & Son, Lisbon, Ohio.
Sara of the Truesdale 98904—H. C. McCamon & Son to W. G. Dye, Richburg, S. C.
Secret's Cherry of Brookdale 85322—A. T. Herd to Frank A. Slocum, East Hampton, Conn.
Sequel Cherry Blossom 78410—George R. McNary to S. T. Lopes, Greensburg, Pa.
Sequel's Eglah Girl 97725—William P. Wharton to Arthur N. Calkins, Harvard, Mass.
Sequel's Queen of Alswel 93159—William J. Lemp to D. A. Robinson, Rolla, Mo.
Shady Leaf 89109—D. H. Leary to G. H. Chitwood, Viola, Wis.
Sibylla's Jean 69109—George E. Larson to J. F. Kubisiak, Amherst Junction, Wis.
Siloam's July Maid 69304—C. A. Groome to Sanford & Cartner, Mocksville, N. C.
Silver Chimes of Anna Dean Farm 55881—Est O. C. Barber to Lincoln Memorial University, Harrogate, Tenn.
Spotty of Prairie Ranch 104755—Wichern Bros. to Peter Peterson, Independence, Wis.
Springdale Dora 102070—Erwin Bros. to D. D. Elliott, Wisacky, S. C.
Springdale Dora 102070—D. D. Elliott to N. A. Johnson, Warrenton, Ga.
Starlight of River Vista 99072—C. B. Collins to Tristram Farm Company, Eau Claire, Wis.
Star II. of Rose Farm 104944 (Imp.)—Charles L. Hill & Son to Old Home Stock Farm, Van Dyne, Wis.
Star of Thorpe 73489—Hans R. Miller to Eva B. Olmsted, Fergus Falls, Minn.
Sunbeam of Bel Air 100105 (Imp.)—Louis E. T. Graden to I. Ben Miller, Cape Girardeau, Mo.
Sunbeam of Cloverleaf 55711—Raymond W. Lohrenz to W. H. Taggart, Manawa, Wis.
Sunbeam of Cloverleaf 2d 95220—Raymond W. Lohrenz to W. H. Taggart, Manawa, Wis.
Sunnybrook Christmas Rose 96040—Charles D. Cleveland to Ira C. Keller, Prospect, Ohio.
Sunshine's Starlight 92010—George E. Larson to A. G. Laabs, Colby, Wis.
Surelia 43677—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Susanna's Rose of Locust Grove 104659—Mrs. H. P. Wilson to Fairfax County Breeders' Association, Fairfax, Va.
Susanna's Rose of Locust Grove 104659—Fairfax County Breeders' Assn. to W. T. Peyton, Fredericksburg, Va.
Susan of Pleasant View 40851—Frank Runde to Lawrence Runde, Sinsinawa, Wis.
Susan of Prairie Mound 89645—D. P. Daniels & Son to M. M. Daniels, Vandalia, Mo.
Sweet Clover of South Street 70492—F. D. E. Stowe to Arthur D. Potter, Greenfield, Mass.
Sweet Orchard Belvidere's Countess 92596—E. E. Sweet to Perry Griggs, Romeo, Mich.
Sylvia of Hylsted 60347—Howard Atwood to Mark Ingham, North Chelmsford, Mass.
Taylor's Jean of Blue Mound 2d 20909—J. W. Taylor to Charles J. Tempero, Pewaukee, Wis.
Ted's Lady of Bexley 101356—D. J. Schaaf to Erwin Gehres, Van Wert, Ohio.
Tillie of Rockymead 104893—David Wilson to Edwin B. Maule, Coatesville, Pa.
Tody's Jewel of Cicero 97892—Nels Nelson to August Grunwaldt, Black Creek, Wis.
Topsy of Maple Grove 47195—Stark Bros. to Chequamegon Guernsey Association, Asland, Wis.
Topsy of Prairie Ranch 104754—Wichern Bros. to Christ Christenson, Independence, Wis.
Topsy of St. Croix 46683 (Imp.)—Guy A. La Plant to L. H. Gragert, Anoka, Minn.
Topsy of St. Croix 46683 (Imp.)—W. A. Benzie to Guy A. La Plant, Elk River, Minn.
Ultra Maid of Arbor Vitae Lodge 76227—E. F. Tallmadge to L. L. Coggshall, Locke, N. Y.
Ultra May Rose 60977—J. L. Hope to W. H. Gratwick, Linwood, N. Y.
Ultra's Pretoria of Edgemere 104759—S. S. Schoonover to W. P. Parker, Moravia, N. Y.
Ultra Violet 80290—A. T. Herd to E. F. Price, Port Chester, N. Y.
Valentine of Follyland 44986—J. L. Hope to Ramapo Developing Co., Mahwah, N. J.
Vera of Sunny Side 45275—John Vaness to Vaness & Rupley, South Bend, Ind.
Verda of Linwood 76070—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.
Verna of Portland 69190—Louis B. Schram to Abner A. Badger, Long Branch, N. J.
Viola's Hazel of Gazelle 85319—D. T. Bishop to A. C. Ramseyer, Smithville, Ohio.
Violet III. of Baissieres 78836 (Imp.)—J. L. Hope to Longwood Inc., Kennett Square, Pa.
Violet of Bexley 2d 99949—D. J. Schaaf to Bernard Baxter, Convoy, Ohio.
Violet Rose Bud 87528—Mrs. O. Hagen to H. G. Miller, Sheyenne, N. Dak.
Vira of Idle-wild 84620—Harvey L. Webster to E. W. Cooper & Son, Perry, N. Y.
Viviane Burkeville 100759—C. A. Groome to Sanford & Cartner, Mocksville, N. C.
Viviane's Edgewood Beauty 70475—C. A. Groome to Sanford & Cartner, Mocksville, N. C.
Von Don Clafola 87326—C. G. Dondero to Herbert E. Coffin, Berwick, Maine.
Von Don Colombentena 87328—C. G. Dondero to Herbert E. Coffin, Berwick, Maine.
Von Don Nettina 87327—C. G. Dondero to Herbert E. Coffin, Berwick, Maine.
Vrangue May Queen of Cloverleaf 77145—Raymond W. Lohrenz to W. H. Taggart, Manawa, Wis.
Wardem Kitty 103401—William De Mott to S. D. M. Guess & Son, Denmark, S. C.
Weymouth Beauty 104701—Lena Blaisdell to Louis F. Trafton, Sanford, Maine.
Wilow of Bexley 99950—D. J. Schaaf to J. Monfort Richards, Venedocia, Ohio.
Willimine of Hickory Grove 85464—F. J. Glanville to F. J. Glanville & Ben C. Nelson, Lancaster, Wis.
Windy-Ridge Dolly 83717—Stanley E. Ruckle to Rowan Guernsey Farms, Inc., Salisbury, N. C.
Windy-Ridge Lady 83718—Stanley E. Ruckle to Rowan Guernsey Farms Inc., Salisbury, N. C.
Woodside Amy 104818—J. E. Aldred to James A. Burden, Syosset, N. Y.
Woodside Manor Duchess 104817—J. E. Aldred to James A. Burden, Syosset, N. Y.
Wyebrook Prudence 103944—C. L. A. Whitney to Mrs. Edson Hall, Granville, N. Y.
Yeksa's Freya 40771—G. H. Sidley & Son to J. H. Sidley, Chardon, Ohio.
Yeksa's Mary of Guernsey Hill 60071—Roy J. Coombe to Henry Nylund, Ironwood, Mich.
Yeksa's Mondovia of Breezy Hill 85779—F. J. Glanville to F. J. Glanville, & Ben C. Nelson, Lancaster, Wis.
Yeksa Tinkle's Princess 82496—John Fowlie to A. A. Weisen, Sheridan, Wis.
Yova of Twin Springs Farm 88327—James M. Dunkel to Amos Bryan, Perkasie, Pa.
Zade of Stoneholm 65004—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Zelia of Stoneholm 89764—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Zella of Stoneham 83643—Est. George E. Chamberlain to Frank P. Frazier, Ipswich, Mass.
Zora of Green Mountain Farms 103100—C. A. Carlisle to W. K. Schlosser, Plymouth, Ind.

FOR SALE

A FEW VERY CHOICE CALVES
Out of Registered and Advanced Register Stock
Farms about fifteen and eighteen miles from Philadelphia on the Reading Railroad
Forest Hill Farm, Pennlyn, Pa.
Warren Farm, Fort Washington, Pa.

CHARLES E. & C. JARED INGERSOLL
1112 Liberty Building
Philadelphia - Pennsylvania

From the Guernsey World

Lincoln County Breeders Meet

(Continued From Page 150)

the work, but one who will also get the support of the other citizens. There must be public-spirited men to help the project along. A movement for better cattle is a decided benefit to the town. Cooperation always brings results. Better cattle, and, consequently, better products encourage more cheese factories, condensaries, and creameries.

While work of this kind must have the support of the community, it is ultimately up to the individual owner to push the work. A market should be established in the form of an annual public sale. Fair dealing must be insisted upon. The owners must bring only pure bred stock, entirely free from disease, and insist that every other man do likewise. Good prices can then and only then be charged and received.

There will be better prices for dairy products, but when? In one year a gum manufacturer spent $250,000 on advertising. If chewing gum is worth $250,000, what about dairy products? Cooperation—the conducting of ourselves and our business in such a way that others can work with us—will bring results.

The boys and girls should be encouraged. In Waukesha county four bull calves were given away as prizes to the school children in an essay contest. Let's encourage the boys and girls of Lincoln county.

Mr. McKerrow is an enthusiastic champion of the Guernsey. He says, "What can be more fun than producing better cows?" The Guernsey stands for economy and quality. At the test at the Pan-American Exposition at Buffalo the Guernsey was found to produce more butter fat in proportion to the amount of feed than any other cow. They are adapted to northern Wisconsin. In this last year there has been as great an increase as there was during the first sixteen years that Guernsey cows were in this country. While there are no extreme prices paid for them the Guernseys as a whole are the ones that meet the demand for producing butter fat.

"It's the Guernsey products that make the gold and yellow butter. It's this color that they try to imitate," said the speaker.

"You're right. You're right, McKerrow," shouted a gentleman in the front row.

Everyone showed great interest in this second annual meeting. The county agent, A. H. Cole, urged that the suggestions given be carried out. A business meeting of the association was then held at which the following officers were re-elected for the next year: W. W. Vickery, president; Frank Clark, Tomahawk, vice-president; W. A. Holloway, Bradley, secretary; A Miller, treasurer; W. E. Bade, Frank Beyer, Doering, A. Wendt, town of Scott, board of directors.

There were nearly 200 people present. At noon a social hour was held while milk, ice cream, and coffee were served with the lunch. Business men from the city as well as the Guernsey breeders from all parts of the county showed great interest and willingness to co-operate in bringing about breeding of better cattle in Lincoln county.

Report of Clark County Guernsey Breeders' Picnic

The Clark County Guernsey breeders were fortunate enough to have a bright, sunshiny day on June 23, when their annual summer meeting and picnic was held at the farm of F. E. Winn, who lives near the village of Granton. There were nearly three hundred people in attendance.

The Greenwood sixteen piece band furnished music during the day.

At the noon hour everybody enjoyed the basket lunches eaten in the beautiful maple grove on the hill overlooking the village of Granton.

The afternoon was taken up by the business meeting and speaking. The speaker of the day was L. E. Scott of Stanley, who gave us a very instructive talk along Guernsey lines, telling of tests being put on where all dairy breeds were represented and proving the ability of the Guernsey to produce butter fat more cheaply than the other breeds. He urged better cooperation among the breeders. He told what the Chippewa County associations had done the past year to get more Guernseys into that county, and urged Clark County breeders to organize boy calf clubs and so help the boys get pure bred calves.

The business meeting followed the talk. The officers elected for the following year were as follows: President, R. C. Powers of Owen; Vice-President, George Einfeldt of Greenwood; Secretary-Treasurer, J. P. Schuering, Greenwood; Directors, F. E. Winn of Granton and Albert Liebzeit of Greenwood; Corresponding Secretaries, E. A. Powers of Owen, and F. E. Winn of Granton.

There were about thirty-six new members added to the association. Plans were made to hold a winter meeting and banquet somewhere in the county later in the year. By a motion made and carried the Clark County Guernsey Breeders' Association went on record as instructing their Secretary to ask the County Board to hire a live County Agent, one who is interested in live stock.

There were several requests from members to hold future meetings in different parts of the county, but it was finally left to the board of directors to select a place.

—E. A. Powers
Corresponding Secretary

Guernsey Breeders Build a Show Barn

The Fond du Lac County Guernsey Breeders' Association has awarded a contract for a cattle barn to be erected on the Fond du Lac County fair grounds, in which a representative Guernsey exhibit will be housed each fair. The building is to be completed in time for the 1920 show, which will be held in September.

This will give the Guernsey exhibit two special buildings on the fair grounds,—F. J. Rueping, proprietor of Corium Farms, having previously awarded a contract for a barn in which the Corium exhibits is to be housed.

—E. M. Jenison
Fond du Lac County

Guernseys Take the Lead

The report of the Rosendale-Eldorado Cow Testing Association of Fond du Lac County for the month of June shows the Guernseys in first place as producers, a registered Guernsey in the herd of W. A. Lawson being the highest producer in the association. Her record shows 1470 pounds of milk testing 5.17 per cent., producing seventy-six pounds of butter fat. Another registered Guernsey in the Lawson herd produced 1050 pounds of milk testing 5.43 per cent., and fifty-seven pounds of butter fat.

Of the sixty-seventy cows in the association that produced forty pounds of butter fat, or over, during the month, thirteen were Guernseys.

—E. M. Jenison
Fond du Lac County

Government Cattle Breeding Work

(Continued from Page 114)

chromosome from each pair and the chromosome from one pair may be the one contributed by the sire and the chromosome from another pair may be the one contributed by the dam. The same stage of combination and reduction takes place in the sperm cell. Before they join to become the newly fertilized germ cell both the sperm and the egg have only half the normal number of chromosomes, but each has one chromosome from each of the pairs that existed before their respective reduction stages took place. When the spermatazoa and the egg unite each contributes a chromosome having factors for the same characters and those with the factors for the same characters form pairs. So after fertilization takes place the new germ cell has the full two sets of chromosomes, one of each pair contributed from the female in the egg and the other from the male in the sperm cell.

If there is considerable variation in the production of the ancestry of a sire and a dam then the chromosomes of the sire and the dam are likely to have the factors for both high and low production. If in the stage of reduction the sperm from the male carries the chromosome having the factors for high production, and the egg from the dam carries the chromosome having the factors for high production, then the offspring will get from both parents the factors for high production and will breed that way. At the next fertilization of egg and sperm from the same parents the chromosomes from both parents may have the factors for low production—since both parents have these factors—or, the egg may have the factors for low and the sperm the factors for high production in which case the production of the animal resulting would probably depend on which of the two factors was dominant. But even though the factor for high production was dominant over the factor for low production and the resulting animal was a large producer it would be possible for that animal to transmit low production to part of its progeny, since one of the two like chromosomes carrying the factors determining production has the factors for low production. Hence the great variation we find in the production of even full sisters. It seems possible that the animals that are most prepotent are those in which the chromosomes have only the factors for high or low production.

Prepotency

The theory of prepotency, the ability of some sires and dams to stamp their own characteristics on their offspring regardless of the characteristics of the animal they are mated with, has long been regarded by breeders as an established fact. So far we have not found a single sire in either the Holstein-Friesian breed or the Guernsey breed that has been completely prepotent in production in so far as increasing or lowering the milk yield, percentage of butter fat, and butter fat yield of all his daughters, as compared to the records of their dams, is concerned. There are at least two Guernsey sires with six or more tested daughters from tested dams, that have increased all their daughters in butter fat yield. One of those two sires lowered the milk yield of one of his seven tested daughters and lowered the percentage of butter fat of three, and the other sire lowered the milk yield of three and lowered the percentage of butter fat of three of his eight daughters. There are at least four Guernsey sires that the records show to be completely dominant in percentage of butter fat. Three of these four sires got daughters that were all higher than their dams, and one sire got daughters that were all lower than their dams in percentage of butter fat. Of the three sires all of whose daughters had a higher percentage of butter fat than their dams, one had six tested daughters and three were lower than their dams in milk yield. The third sire had nine tested daughters and five of them had lower milk yields than their dams. The sire that lowered the percentage of butter fat of all his seven daughters had five daughters whose milk yield was greater than that of their dams and three whose butter fat yield was greater than that of their dams.

Since there is such a great variation in the producing capacity of the daughters of a sire and also such a great variation in the amount of increase or decrease of the daughters from the different dams, and since few if any sires with a considerable number of tested daughters increase all these daughters, it may well be asked how is the ability of a sire to be judged. If we judge a sire by the high average production of his daughters for milk and butter fat alone it may be found that the average production of his daughters was little if any greater than their dams. If the sire is judged by the average increase in production of his daughters over that of their dams it may be found that the average increase in production may be due to a large increase of a small proportion of his daughters while the majority of his daughters were lower than their dams, or that while his daughters show a large increase their dams had very low records. If the sire is judged by the proportion of his daughters that are better than their dams in milk yield, percentage of butter fat yield it may be found that while most of his daughters were better than their dams, the dams had low records and the increase of the daughters was very small. It seems necessary that all these points be taken into consideration in judging the merit of the sire as a sire of producting daughters. We have arrived at the comparative merit of a number of sires by ranking them in the order of the greatest average milk and butter fat production of their daughters; the greatest average increase of milk and of butter fat of the daughters over their dams; and in the order of the greatest percentage of daughters that were better than their dams in milk yield and in butter fat yield. This makes six classes in which the sire is ranked. The six rankings are then added and the total for each sire may be said to be the sire's score. If a sire ranked high in all classes he would have a small score. Consequently the sire with the smallest total of rankings is the sire that has the highest average ranking of the sires he is compared with. Since the work with the Guernseys is not completed I can not tell you the names of the ten best sires based on this method of comparison, but I will give you the names of six sires that will rank high.

Ne Plus Ultra 15265, Imp. Masher's Galore 8572, May King's Vrangue of Ingleside 15430, Langwater Dictator 15086, Ledyard Bay 11074, Imp. May Rose King 8336.

Suggestions About the Advanced Register

(Continued From Page 113)

enforce the following:

1. Cows should be only milked three times a day.
2. Cows should not be fed special feeds, ground flax seed, pure cotton seed, etc., etc.
3. Cows should not be given anything to stimulate their appetites.
4. Cows should have a reasonable amount of exercise.
5. Cows should be fed and cared for in such a manner as not to shorten their lives or injure their reproductive organs.

Get real men to enforce these rules. Get a sentiment against bonuses and bank presidents' salaries to test cow milkers, and we will breed better cattle even if we do not make as many 1000 pound records.

Elliott-Brant Rancho Guernseys

(Continued from Page 115)

fall, and to furnish feed for all kinds of stock. At the same time these crops are being grown, another 250 acre field is being fertilized with all the fertility of the yards and corrals and plowed and planted to bean in the month of May. This crop being legume furnishes nitrogen to the soil and the bean straw is used for feed, and fertilizer, and produces from 1000 to 1200 pounds of beans per acre. The variety used is the Baby Lima, which is one of the best of beans for this locality. These two crops of beans and grain are alternated each year and keep the land in splendid tilth and fertility.

This is a general outline of the Elliott-Brant Rancho, and believe me it takes men with more than an ordinary vision to plan and work out such a big problem.

From the Guernsey World

Pattee Cattle Making a Pound of Butter Fat a Day Under Herd Care

The demand for Guernseys, both male and female, seems to be unlimited. Every man who buys a bull calf comes back again and wants to buy a female. Our herd under farm conditions, machine milked, is making about one pound of butter fat apiece, which we think is pretty good for cows which on an average have been milking eight months.

—W. D. Pattee
Fond du Lac County

Rock County to Have Sale

The Rock County Guernsey Breeders' Association will stage their first annual sale next fall at Janesville. This decision was reached at the annual picnic held at Uehling's Park, on Bass Creek, Afton, Wednesday, June 23, and which was attended by members of their families from Janesville, Brodhead, Evansville, LaPrairie, Rock and other points in the county. M. S. Kellogg, secretary of the association, acted as chairman of the meeting while the principal address was given by W. J. Dougan of Beloit, who took "The Merits of the Guernsey" for his theme.

An interesting feature of the program was a stock judging contest in which awards were made as follows: First—Mrs. W. A. Munn, Janesville; second, Miss Ann Tieken, Janesville; third, Mrs. W. J. Dougan, Beloit.

In the junior contest awards were made as follows: First, Bennett Kellogg; second, Edna Hammell; third, Ronald Dougan.

The judges were Dr. W. A. Munn and M. S. Kellogg.

The committee appointed to make plans for the sale consists of Dr. W. A. Munn, Janesville; W. J. Dougan, Beloit; R. K. Overton, Beloit.

—E. M. Jenison

Winnebago Live Wires

The members of the Winnebago County Guernsey Breeders' Association are live wires and make it a point to advertise the merits of Guernsey products at every opportunity. It thus happened that when the Oshkosh Horticultural Society staged its annual "Strawberry" festival on Monday, June 28, the management announced that lots of fresh strawberries and an abundance of *Guernsey* cream would be served. N. A. Rasmussen, president of the Wisconsin State Horticultural Society and also of the Winnebago County Horticultural Society, at whose home the festival was held, is himself a breeder of Guernseys.

—E. M. Jenison
Winnebago County

Brown County Picnic

The Brown County Guernsey Breeders' Association staged a successful picnic at the Henry Baumgartner farm near Wrightstown on Tuesday, June 22, and it was a merry festival in spite of the rain. Three great tables 100 feet long were set to accommodate the picnic crowd, and they were filled three times before all were served. It is estimated that the attendance was more than 1000.

H. K. Newhouse of Appleton was the speaker of the day.

Six registered Guernsey calves were sold at auction for a total of $1175, the prices ranging from $100 to $295.

—E. M. Jenison

Portage County Picnic

Portage County Guernsey breeders took a day off on Thursday, June 17, for a holiday; a picnic and sale held at Nelsonville. While the weather was a trifle cool it was an ideal picnic day, and the attendance records were shattered. More than 250 cars were parked on the grounds at one time, and it is estimated that there were at least 1500 people present.

The program consisted of addresses by E. H. Scott of the Extension Department of the College of Agriculture F. G. Swoboda, county agent for Marathon County; W. W. Clark, county agent for Portage County; T. H. Campion of La Crosse, district leader of county agents; and Fred H. Scribner, forlerly of Rosendale, but now county adivisor for the Los Angeles County, California, Farm Bureau.

Twenty-one bull calves were sold at prices ranging from $65 to $300, while five heifers were sold at prices ranging from $47.50 to $125.

—E. M. Jenison

Foreign

Guernsey Awards at the Royal Counties' Agricultural Society Show Held in June, 1920

Bull Calved in or Previous to 1917

1. Prince of Vimiera 3577
   Mrs. Frank Pratt Barlow, Lynchmere House, Haslemere.
2. Murrell Governor's King of L'Etiennerie 3765, Mrs. W. Howard Palmer, Murrell Hill, Binfield, Berks.
3. Stagenhoe Governor 3405,
   W. Holly & Sons, Berrylands Farm, Surbiton.

Bull Calved in 1918

1. Pride 3d of Beaulieu,
   Mrs. Jervoise, Herriard Park, Basingstoke.
2. Dene Sequel 3678,
   Sir James Remnant, Bart., M. P., The Grange, Twyford, Berks.
3. Liveley's Honour of Les Quartiers 4189 P. S., G. Percy Sanday, Puddington Hall, Neston, near Birkenhead.

Bull Calved in 1919

1. Puddington Jewel,
   G. Percy Sanday
2. Happy Warrior,
   Mrs. Lionel Corbett, Hockley House, Alresford.
3. Dene Star, Sir James Remnant, Bart., M. P.

Cow Calved Previous to 1917, in Milk or in Calf
(If in milk having had a calf within six months of the 1st June, 1920)
1. Fanny du Foulon 22d, Mrs. Jervoise.
2. Bluebell of Goodnestone 10493, Mrs. F. Pratt Barlow.
3. Donnington Jane 8034, Sir James Remnant, Bart., M. P.

Cow or Heifer Calved in 1917, in Milk or in Calf
(If in milk having had a calf within six months of the 1st of June, 1920).
1. Tregothnan Dora 13114 Sir William Cain, Bart., Wargrave Manor, Berks.
2. Tregothnan Seaweed 13120, Mrs. F. Pratt Barlow.
3. Downe Landes Beauty 2d, G. Percy Sanday.

Heifer Calved in 1918
1. Herriard Golden Flower 13598, Mrs. Jervoise.
2. Murrell Dainty 13775, Mrs. W. Howard Palmer.
3. Lynchmere Blanche, Mrs. F. Pratt Barlow.

Heifer Calved in 1919
1. Ivelle Bracken, E. G. MacAndrew, Pallinghurst, Baynards, Horsham.
2. Dene Treacle 2d, Sir James Remnant, Bart., M. P.
3. Elfordleigh Patricia, Mrs. R. C. Bainbridge, Elfordleigh, Plympton.

Awards in Guernsey Classes at the Bath and West Show Held in May 1920

Guernsey Cow in Milk, Calved Before 1917
1. Donata 7th of Warren Wood 9949, Mrs. W. Howard Palmer, Murrell Hill, Binfield, Berks.
2. Blue Bell of Goodnestone 10493 Mrs. F. Pratt Barlow, Lynchmere House, Haslemere.
3. Fanny du Foulon 22d 10013, Mrs. Jervoise, Herriard Park, Bassingstoke.
R. Fantail Floss 2d, A. Tayler, Rowde, Devizes, Wilts.
C. Trequean Daisy 3d 12451, Mrs. R. C. Bainbridge, Elfordleigh, Plympton, Devon.
C. Fussey's Dora 10036, G. F. Ferrand, Morland Hall, Alton, Hampshire.
C. Mildred of Bel Air 13752, G. F. Ferrand.

Guernsey Heifer in Milk, Calved in 1917
1. Trequean Ruby 4th 13158, Mrs. R. C. Bainbridge.
2. Tregothnan Seaweed 13120, Mrs. F. Pratt Barlow.
3. Herriard Yellow Star 2d, A. H. Hussey, Maincombe, Crewkerne.

Guernsey Heifer, Calved in 1918
1. Murrell Dainty 13775, Mrs. W. H. Palmer.
2. Herriard Golden Flower 13598, Mrs. Jervoise.
3. Lynchmere Blanche, Mrs. F. Pratt Barlow.
R. Dahlia Polly 2d, W. F. Trumper, 11 Market Place, Devizes, Wilts.
V. H. C. Lady of the Manor, F. Swanton, Overton, Marlborough, Wilts.
H. C. Golden Aster, F. R. Moser, Broadley, Sway, Hants.

Guernsey Heifer, Calved in 1919
1. Clatford Meadow Sweet, J. C. Forster, Clatford Mills, Andover.
2. Elfordleigh Patricia, Mrs. R. C. Bainbridge.
3. Milton Daisy 3d. Sir E. Hambro, K. C. V. O., Milton Abbey, Dorset.
R. Cream Bun, F. R. Moser.
V. H. C. Mulberry 4th, Mrs. Jervoise
H. C. Murrell Sunbeam, Mrs. W. Howard Palmer.
C. Freesia's Honour, Mrs. Jervoise.
C. Lavington's Star, F. Maggs, West Lavington, Devizes, Wilts.

Guernsey Bull, Calved in 1916 or 1917
1. Hamill of Marazion 3334, Mrs. R. C. Bainbridge.
2. Elfordleigh Regal 3512, O. P. Rubeck, Valencia, Meath Green Lane, Horley, Surrey.
3. Pride of Vimeria 3577, Mrs. F. Pratt Barlow.
4. Murrell Governor King of L'Etienierie 37556, Mrs. W. Howard Palmer.

Guernsey Bull, Calved in 1918
1. Governor 4th des Ruettes 3718, Mrs. F. Pratt Barlow.
2. Bladen Prime Minister 3651, Sir E. Hambro.
3. Victor 3d of the Barras, G. F. Ferrand.
4. Fancy's Dream, Mrs. L. Corbett, Hockley House, Alresford, Hants.

Guernsey Bull, Calved in 1919
1. Bartley Governor, F. B. Dalrymple, Bartley Lodge, Cadnan, Hants.
2. Claremont Prince of Orange, H. R. H. The Princess of Albany, Claremont Farm, Esther, Surry.
3. Claremont Gipsy King, H. R. H. The Duchess of Albany.
R. Happy Warrior, Mrs. L. Corbett.
V. H. C. Bickleigh 4th, Mrs. Jervoise.

English Guernsey Cattle Society

Meetings of this Society were held at the offices, 12 Hanover Square, London, W. 1. on Monday, June 7, D. C. Haldeman occupying the Chair. There were also present at the Council Meeting E. W. Amos, William Cory, G. F. Ferrand, J. C. Forster, A. W. Bailey Hawkins, Mrs. Jervoise, Captain G. H. Johnstone, Sir Henry F. Lennard, Bart., H. Fitzwalter Plumptre, and Sir James F. Remnant, Bart., M. P.

The report of the Judges at the Society's recent Show and Sale was read and was considered very satisfactory.

It was reported that a Cornish Milk Record Society had been formed and would start operations as soon as an Inspector was appointed. The Council decided to give a donation towards starting this Society which it was felt would materially assist the breed in Cornwall, and arrangements are being made whereby animals tested under this Society's rules will be recognized and the official certificate of the English Guernsey Society will be granted them.

A letter was read from the Shropshire Sheep Breeders' Association asking for the Society's support with regard to the export regulations now existing between this country and the United States, and it was agreed to cooperate in any action that may be taken with regard to this question.

The following twelve new members were elected:

Drabble, G. C., Los Altos, Sandown, Isle of Wight.
Gerrish, Edward, Carrallack House, St. Just, S. O., Cornwall.
Harmsworth, Hon. E. C., Warren Farm, Fairlight, nr., Hastings, Sussex.
Harris, George Walter, Crabwood Farm, Millbrook, Southampton.
Longden, G. A., Draycott Lodge, nr. Derby.
Paget, Leopold C., Middlethorpe Hall, York.
Peart, Tom, Wood Hall, Hatfield, Herts.
Rayleigh, Lord, Terling Place, Witham, Essex.
Reiss, Arthur, Cassia, Winsford, Cheshire.

From the Guernsey World

Timson, J. W., Furnace Farm, Lamberhurst, Kent.
Thornton, T. W., Brockhall, Weedon, Northants.
Wright, Kenneth H., Rowling House, Goodnestone, near Canterbury.
And the following prefixes were granted:

Name	Applicant
Alford	Mrs. E. A. Cammell
Brittleware	A. E. Berry
Greenway	Mrs. Charles Williams

General Meeting of Members

The President, D. C. Haldeman, occupied the Chair, and there were also present a goodly number of members of the Society.

The Annual Report and statement of accounts which had been issued to members were unanimously passed.

A letter was read from T. R. Bolitho, President-Elect of the Society, regretting that he would be unable to act in this position owing to ill health. It was unanimously agreed to invite the Venerable Archdeacon Raffles-Flint to accept this position.

Captain G. H. Johnstone of Trewithen, Grampound Road, Cornwall, was nominated as President-Elect for 1921.

Mr. G. Titus Barham who has for many years acted as Honorary Treasurer of the Society was unanimously re-elected.

The meeting considered at some length the desirability of notifying the birth of calves within three weeks from date of birth, and after considerable discussion the following resolution was adopted:

"That the birth of all calves, with sketches giving markings, must be notified to the Secretary withen one month from the date of birth."

It was agreed that this new rule should come into force as from January 1, 1921.

The following proposal standing in the name of Sir Henry F. Lennard, Bart., was next discussed, and it was ultimately resolved that no action should be taken in this matter.

"That the attention of Judges should be called to the scale of points as laid down in the Guernsey Herd Book, and that Cows or Heifers with black noses or brindle markings should not be disqualified from taking prizes if entitled to them by the scale of points in other respects."

It was suggested that the Society should issue a quarterly Journal dealing with the breed, and it was thought that it would be in the best interests of the Society if such a publication could be issued. A strong Committee was appointed to discuss this matter.

The question of holding a Sale of Guernseys in the Autumn was raised, and the Secretary was directed to enquire of breeders in the West of England whether in the event of a Sale being held they would support it by making entries. It was suggested that Bristol would be a very good centre for holding such a sale.

No further business resulting, the meeting then adjourned.

The next meeting of the Society was fixed for Wednesday, October 20, during the week of the Dairy Show.

General

Guernseys Keep up Quality of Milk

M. J. Grimes of Catawissa, Pennsylvania, while on a recent visit to the office told us that a few days ago a party named Haycock, who maintained a fruit farm in Pennsylvaia, came to Catawissa and in three days time secured a carload of cows and a bull to take down to his fruit farm. He bought the cattle to maintain the fertility of the soil on the fruit farm, and bought Guernseys to keep up the quality of the milk of his Holstein herd.

THE AMERICAN GUERNSEY CATTLE CLUB

OFFER THE FOLLOWING

SPECIAL SERVICE TO GUERNSEY BREEDERS

FOR HERD RECORDS

MILK RECORDS
25 AND 50 ANIMAL SIZE

PRIVATE HERD BOOKS
LARGE AND POCKET SIZE
LOOSE LEAF AND PERMANENTLY BOUND

PEDIGREE BLANKS
SMALL AND LARGE SIZE

GUERNSEY BREEDERS' JOURNAL

A COMPLETE CONPENDIUM OF FACTS ABOUT THE BREED. ISSUED SEMI-MONTHY.

NO BREEDER CAN AFFORD TO BE WITHOUT IT.

$2.00 A YEAR

CITY VIEW FARM GUERNSEYS

Production and Conformation

By our Senior Herd Sire

BELL BUOY OF LINDA VISTA 19430

He traces six times to May Rose 2d, has thirteen A. R. daughters: Six in class G and one in class F, averaging 471.49 lbs. fat. One in class B, one in class C and four in class D, averaging 481.72 lbs. fat. All of very fine type, five of the latter six are subject to correction by the Club. Nine others on A. R. test.

Bell Buoy's Golden Lassie of City View took 1st prize at the National Dairy Show 1918. A. R. 489.37 lbs. at 2 years.

Miriam's Pride of City View sold at public sale for $1,025.

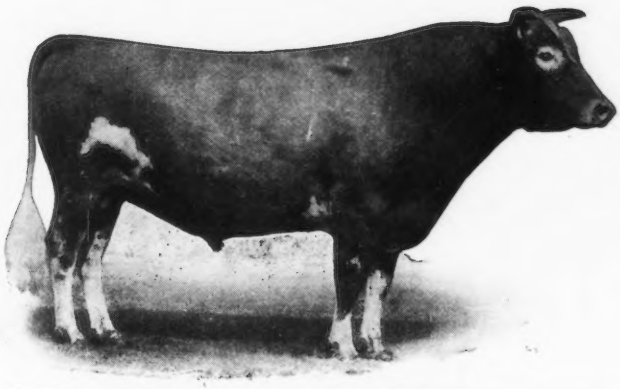
Topsy of City View, a double granddaughter by King Raymond of City View, sold for $1,460 at the Madison Consignment Sale, February, 1920.

Junior Herd Sire, LANGWATER GOOD NEWS, a son of Langwater Warrior

FOR SALE: Males and Females

O. R. SCHWALEN, Proprietor - - - Roberts, Wisconsin

THORN HILL FARM Deerfield, Ill.



SENIOR HERD BULL

Victor of Pencoyd 18901

(Dropped Feb. 1911)

10 A. R. Daughters { 5 daughters averaging 542.2 fat; 5 daughters averaging 427.0 fat; All records made at 2 to 4 years

Sire—IMP. GOLDEN SECRET 12599
Great Reproducing May Rose Sire

Dam—JESSIE OF MAPLE LANE 23457
Milk, 12304 lbs. Fat, 595.0 lbs.

FOR SALE

Diana's Secret of Thorn Hill 60124
Born May 28, 1919

Victor of Pencoyd 18901
Sire of 12 A. R. daughters. See above

Diana of Thorn Hill 44949
11165 Milk; 654.7 fat, Class C

Imp. Golden Secret 12599
1st Pr. & Champ. on Island.
12 A. R. Daughters, 9 A. R. Sons.

Jessie of Maple Lane 23457 A. R. 1706
12304 milk, 595 fat. 3 daughters average 566 fat

Jewel's Royal Combination of Wawa 15655
8 A. R. daughters, 5 average 675 fat

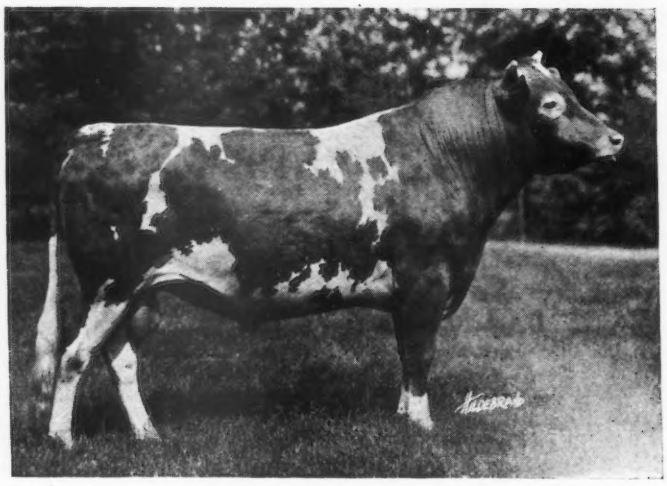
Juno of Thorn Hill 28675
8477 milk, 459.9 fat, Class G.
3 A. R. daughters average 520 fat.

Write for further particulars and photograph.

AUG. ZIESING, Proprietor **ARTHUR A. KRELL, Manager**

FALCON'S PROUD WARRIOR 47559

Dropped June 6, 1917



Sire—Langwater Warrior 26509 **Dam—Pride of Birth 18443**

Pronounced by many to be "THE GREATEST SON OF LANGWATER WARRIOR"

We have sold sons of Falcon's Proud Warrior to head herds in the states of Massachusetts, Wisconsin, Minnesota and Washington. The supply has been limited and they have moved fast. Write now if you want one

Falcon's Flight Farms
Litchfield, Conn.

B. AUSTIN CHENEY **WALTER A. COOK, Manager**

Burnside Farm

HAS

NEVER

had such a choice lot of young bull calves as are now offered

Sired by our young herd bull. Their dams have one or more crosses of May Rose blood and have records or are now on test.

Address

Jas. B. Robertson, Supt.
Eccleston, Md.

ABBEYLEIX FARM

Montg. County

Penllyn, Pennsylvania

HERD BULLS

Brookmead's Fashion 39674

Sire—Langwater Royal Master 23663 A. R.
Dam—Brookmead's Dimple 49806 A. R. 5826

Langwater Senor 39431

Sire—Langwater Holliston 28055
Dam—Langwater Siren 47048 A. R.

A. L. FITZPATRICK

OUR SECOND IMPORTATION

Consisting of

20 High-Class Alderney Cows

and

90 Open and Bred Heifers

Will be released from quarantine at Athenia, New Jersey, about July 10th, at which time they will be offered for sale in lots to suit purchasers.

Every animal in the importation was personally selected by us, and was selected because of her individuality, breeding and the quality of her dam.

Among the purchasers from last year's importation, were such well know breeders as :

F. L. Ames, Langwater Farms, North Easton, Mass.
J. G. Butler, Roxbury, Conn.
Charles A. Curtis, Marlboro, Mass.
E. F. Price, Port Chester, New York.
B. F. Adkins, Hebron, Maryland.
Fred B. Rice, Peterboro, N. H. (Former home of Langwater Fashion)
Joseph Trees, Mars, Penna. (Recent purchaser of Apollo of Rich Neck)
John McCormack, Lilydale Farm, Noroton, Conn.
A. T. Herd, Herdlea Farm, New Hope, Penna.

These heifers are tuberculin tested by the Federal Government and can be added to accredited Herds.

Write us if you are in the market for some imported registered heifers to breed to your own herd sires, and we will be glad to quote you on them.

THE OAKS FARM

Cohasset - - - - Massachusetts

Address, W. S. KERR, Manager C. W. BARRON, Proprietor

(This announcement is made with the approval of the Bureau of Animal Industry, United States Department of Agriculture)

Better Sires-Better Stock

$1,000 Money Prize

UNDER rules and conditions provided by the Bureau of Animal Industry, United States Department of Agriculture, a money prize of one thousand dollars will be paid by Chapin & Company, Chicago, to that county in the United States which first becomes free from inferior sires.

By inferior sires are meant low quality purebred sires as well as all crossbred, grade and scrub sires. The word "sires" includes stallions, bulls, jacks, rams, boars and bucks. Poultry is not included.

A county eligible to receive the prize must have a total of 500 or more sires of all classes and 5,000 or more head of female breeding stock.

All owners of males kept for breeding purposes, in the classes mentioned, and a majority of other livestock owners in the county, must have declared their intention of hereafter using nothing but purebred sires by joining the "Better Sires—Better Stock" campaign of the Bureau of Animal Industry.

Upon notification by a County Agent or the officer of a county livestock organization, that the county he represents is free from inferior sires, the Bureau of Animal Industry will investigate the claim. If the Federal expert finds that the county is, in fact, free from inferior sires, the Chief of the Bureau of Animal Industry will declare that county as winner of the prize.

The prize money will be deposited in a local bank to the credit of the County Agent, official of the county livestock organization or other person or persons considered best qualified to administer the fund. It will be maintained as a revolving fund from which loans may be made to persons desiring to purchase purebred sires in any of the classes mentioned. After three years from date of the award, the fund, with accumulated interest, will be distributed in five equal prizes, in open competition, for the most meritorious young stock resulting from the use of purebred sires. One prize for horses, beef cattle, dairy cattle, sheep and swine.

County agents or officials of county livestock organizations desiring to enter their counties as competitors for this prize, will indicate their intention of so doing by letter to Chapin & Company, sending a duplicate of the letter to the Chief of Bureau of Animal Industry, United States Department of Agriculture, Washington, D. C.

No time limit is placed on the offer of this prize. No other rules govern the competition except those herewith provided by the Bureau of Animal Industry.

In addition to the money prize, the county that is declared winner will be presented with a silk banner and a certificate signed by Secretary of Agriculture E. T. Meredith and Dr. John R. Mohler, Chief of Bureau of Animal Industry.

CHAPIN & COMPANY

327 S. La Salle Street **Chicago, Illinois**

PEDIGREE SHEETS

A sheet (8½ x 17) for three generations, with form for sketching . . . . **Per Hundred, $1.00**
A sheet (11 x 17) for four generations, with form for sketching . . . . **Per Hundred, $1.25**
Fits all regular standard typewriters

AMERICAN GUERNSEY CATTLE CLUB **Peterboro, New Hampshire**

WOODSIDE FARMS

BULL CALVES FOR SALE

Landisville Penn.

LOCUST LAWN FARM

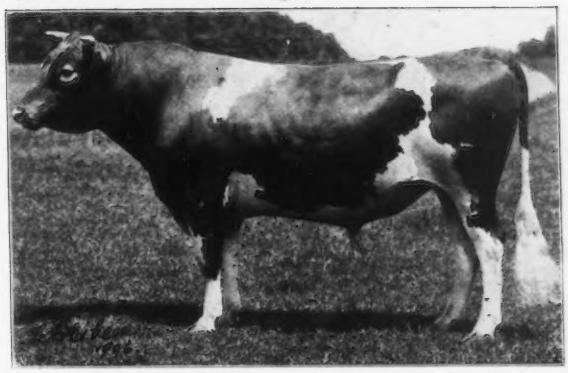
OFFERS FOR SALE

ONE BULL AND TWO HEIFERS

Sired by Our Herd Sired

Meadow Lea 26508

He by Imp. King of the May 9001 and out of a full sister of Dolly Dimple 19144

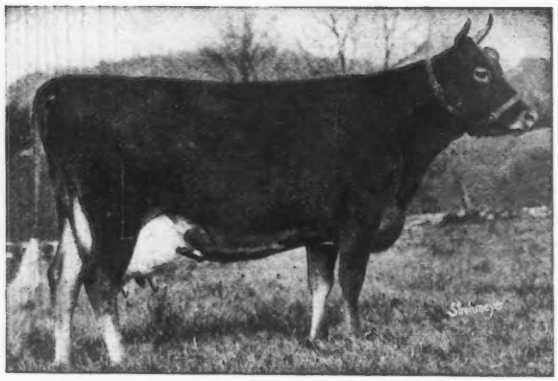


IMP. KING OF THE MAY 9001
(Sire of Meadow Lea 26508

Sale Animals Are Out of A. R. Cows or Cows on Test

Locust Lawn Farm Box G, Bird In Hand Lancaster County **Pa.**

BEAVER RIDGE FARM



PEARL ROSE OF THE GLEN 47414
Leader in Class C (4½ years)
16855.6 lbs. milk 884.21 lbs. fat

Guernseys of Quality and Production

HERD SIRE

GLENREGAL OF THE GLEN 45264

12½% May Rose blood
Sire: Beau Regal 13448
Grandsire: Imp. May Rose King 8336
Dam: Glenanaar of the Glen 23919
16813.1 lbs. milk; 780.66 lbs. fat. Holds 6th place, Class B
Granddam: Scylla of the Glen 15589
16239.8 lbs. milk; 700.98 lbs. fat

BEDFORD HILLS, (Westchester County) NEW YORK

Henry W. Howe, Owner
Wm. H. Sanders, Manager

Farm, 40 Miles North of New York City

LINDA VISTA FARM

HOLLISTON, MASS.

Offers Your Selection from a Herd of Fifty Choice, High Class

Beautiful Guernseys

OF REAL MAY ROSE BREEDING

carrying up to 30% of the blood of

MAY ROSE II.

BOTH SEXES ALL AGES

Some of these animals are eligible for high honors in the show ring

Louis E. P. Smith

79 Milk St. Boston, Mass.

Randot Guernseys

HERD SIRE

Pencoyd Randot 47205

His dam, Clover of Pencoyd 3d, 48274 A. R. 1436.03 lbs. milk, 818.04 lbs. fat, holds

SECOND PLACE IN CLASS D

"The Greatest May Rose 3½ year old of the breed." She is a half-sister of Clover of Pencoyd 2d A. R. 2725, Milk 16127.1 lbs.; Fat 821.63 lbs.

Their dam is ONE of the only two cows of the Breed having two daughters with records above 800 lbs. fat.

Clover 3d is a half-sister of Nella Jay 4th 20709.9 lbs. milk; 1019.25 lbs. fat, the only TRIPLE class leader.

Langwater Pencoyd 21830 A. R. is the other half of this story.

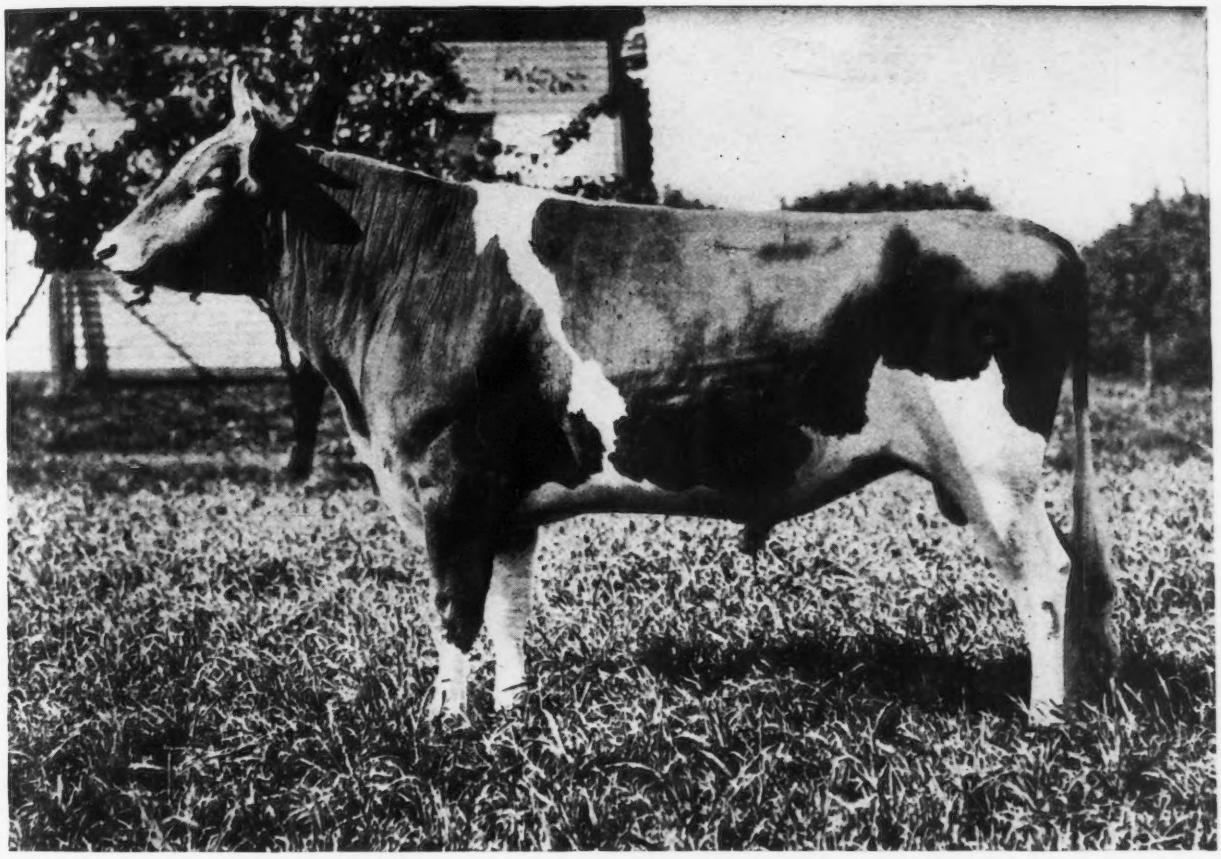
Bull Calves from A. R. Dams

LOUIS S. COX ***GEORGE G. HARRIS***
Owner *Manager*

Lawrence, Massachusetts

LILYDALE FARM

HEAD OF OUR HERD



GOLD RAIDER 41679

Sire—FLORHAM MOSS RAIDER 30517 Dam—GOLDEN LASSIE OF PAXTANG 24696

NOTE This selection from our foundation herd, pronounced by experts to be one of the finest herds in the country

ULTRA ROSE 58909
Sire—Ne Plus Ultra 15265
Dam—Preeminents' Rose 28068

QUEEN ELIZABETH OF LINDA VISTA 62152
Sire—Jethro's May King of Linda Vista 14591
Dam—Pride of Castle Haven 25981

IMP. FLORINA II OF LA PALOTTERIE 13716 P. S.
Sire—Governor of the Chene 1297 P. S., A. R.
Champion A. R. sire of the breed
Dam—Florina 3559 F. S.

PEGGY OF THORNLIEBANK 57298 A. R. 5904
First Prize Glen Spey Fair 1915
Sire—Roy of Thornliebank 27533
Dam—Imp. Le Pelley's Maggie IV. 50430 A.R. 4404

GUERNSEY FANS ALWAYS WELCOME

JOHN McCORMACK
Proprietor

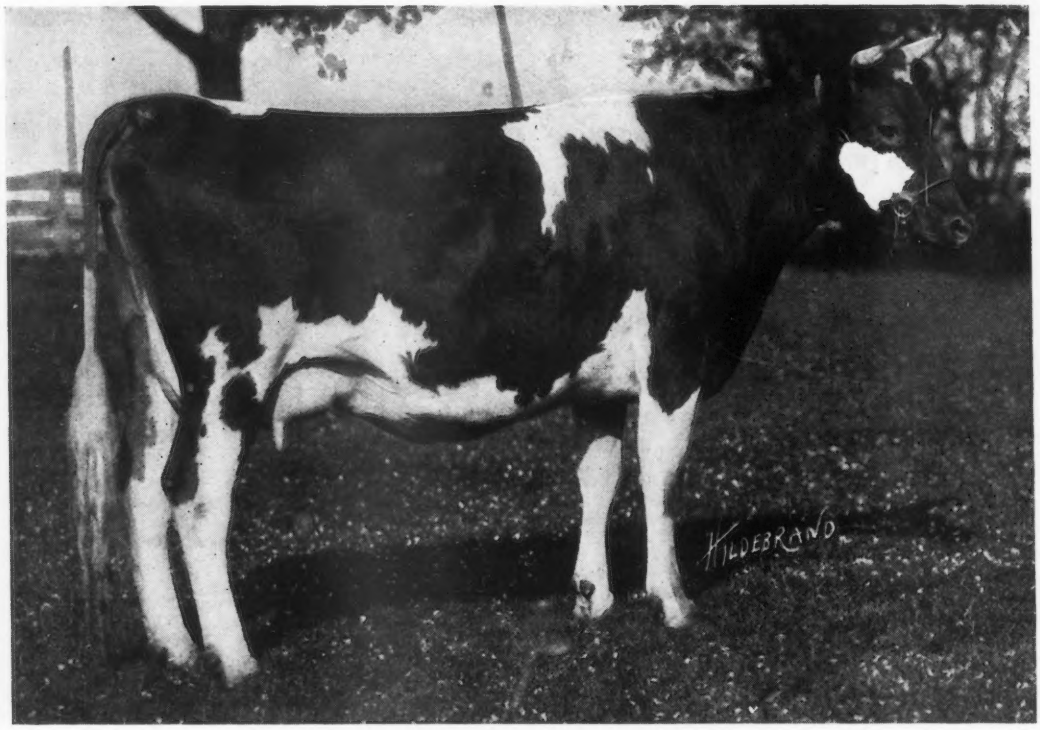
PHONE STAMFORD 2598

Address communications to
R. McWHIRTER, Superintendent
Lilydale Farm Noroton, Conn.

DAUGHTERS OF

STARS AND STRIPES

MAKE SPLENDID DAMS FOR FUTURE HERD SIRES



BROOKMEAD'S BLOOM 56035 A. R.

Milk 10,923.3 Fat 553.81 Class F.

Sire—Langwater Stars and Stripes 21872 A. R. Dam—Ramee's Fay 24816 (A Masher's Sequel)

Brookmead's Bloom is one of the great string of daughters by "Stars and Stripes," sire of Brookmead's Dorothy, 724 lbs. fat, Class G. She is now on retest in Class B and showing the marked production and wonderful "persistency" indicated by all the A. R. daughters of her sire.

	Milk	Fat		Milk	Fat
Dec. (15 days)	616.1	29.02	March	1378.7	72.66
Jan.	1521.5	71.66	April	1402.9	73.51
Feb.	1343.0	64.15	May	1404.4	86.09

Bloom's two month's old bull by Royal Master was sold to Mr. W. R. Ayers, Augusta, Maine, but we can still offer two outstanding calves out of daughters of "Stars and Stripes"

Address all correspondence to

BROOKMEAD FARM

FRANK GRAHAM THOMSON, Owner **526 Land Title Bldg., Philadelphia, Pa.**

Farm at Devon, only 18 miles from Philadelphia, with fine train service

BIRCHFIELD GUERNSEYS

FOR SALE--Birchfield's Pride of the May

Dropped May 15, 1919

HERD SIRE

Birchfield Milk Maid's Warrior, double grandson of King of the May

Langwater Honesty A. R. Milk 10536.90; Fat 517.79

Langwater Warrior A. R.

Langwater Milkmaid
Milk 9,550.20 lbs.; Fat 510.05 at 2
Full sister to Langwater Royal Master A R

Langwater Monarch A. R. full brother to Dolly Dimple, World's Champion 3 year old cow

Pride of Birth
Milk, 12,943.50; Fat, 641.12.

This calf is of excellent quality with straight back, clear nose, well sprung rib and of fine dairy type. We have several more of the same breeding. For prices and pedigree apply to the undersigned.

BIRCHFIELD FARM

South Dartmouth, Mass.

LAWRENCE GRINNELL, Prop. **Address, D. N. McLEOD, Mgr.**

SHADYSIDE Promote GUERNSEY Breed Interest SERVICE

SHADYSIDE STOCK FARM

Harmonsburg, Pa.

J. W. RICE **J. CHISHOLM**

Fritzlyn Farm Guernseys

Constitute one of the choicest herds of May Rose, carefully selected for type, size and producing ability. Our Herd Sires

FRANK ROSE 26342 A. R.

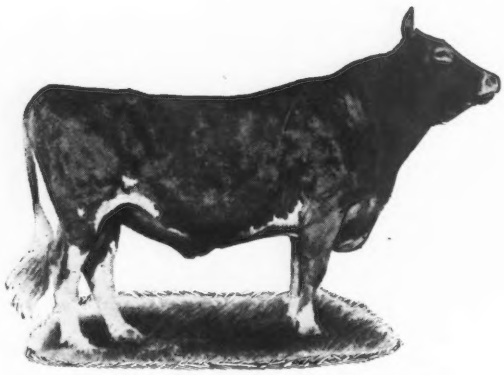
AND

FLORHAM CHARTER 37852

He is a half brother to Florham Leader the $25,000.00 Calf, being a son of Ne Plus Ultra. We are offering a few sons of these good bulls from choice A. R. Cows.

PRICES MODERATE

WM. F. FRETZ **Pipersville, Pennsylvania**



FOR SALE

Caesar of Cathedral Farm

Sire—Upland's Caesar 40788
Dam—Princess of Tarbell Farms 56758
With two records of 9342.7 lbs. milk; 485.78 lbs. butter fat, Class F; and 10368.8 lbs. milk; 525.50 lbs. butter fat, Class C.

Sire—George Washington of Maple Farm 20363
Dam—Princess of Oaklands 2d 36163 A. R. 4823

This calf is an outstanding individual, was born Jan. 29, 1920, and traces 8 times to May Rose
His six nearest tested dams average 555.22 lbs. butter fat, all tested under full age.

Photos and pedigree sent on request

UPLAND'S CAESAR 40788

Sire—Tostevin's Lad of Great Hill 17677
Sire—Pencoyd's Golden Secret 16551
Dam—Nellie Tostevin of Mapleton 2d 26449
Dam—Florham Minuet 37946 A. R.
10664.6 lbs. milk; 571.14 lbs. butter fat. Class D.
2nd prize National Dairy Show 1916
A daughter of Ne Plus Ultra 15265

H. H. BUCKLEY, Owner

Cathedral Farm **Oneonta, N. Y.**

FILLMORE FARM

Breeders of

GUERNSEY CATTLE

Our SENIOR HERD BULL is

Cherry's Regent 54953

Sire—Prince Regent of Meadowbrook 15962 A. R.
Dam—Cherry of Edgewater 38413 A. R. 3361
Several years leader of Class G. 13454.2 lbs. milk; 732.97 lbs. fat.

We have a Few Choice Young Bulls For Sale, sired by LANGWATER PLANET 31326

Send for Pedigrees and Particulars

FILLMORE FARM
C. H. JONES, Prop.
Wellesley Farms -:- Massachusetts

CARIBOU FARMS

JOKASTUS 17320

CARIBOU FARMS SENIOR HERD SIRE

By Imp. Golden Secret 12599 A. R. and out of Imp. Fine Joke 17555 A. R., 455 lbs. fat

Bull Calves sired by Jokastus and out of A. R. dams for sale

P. O. Saginaw, R. 1, St. Louis County, Minn.
Railway Station, Bartlett D. W. & P. Ry.

Geo. C. Stone, Owner F. L. Ober D. V. M. Supt.

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Grant B. Schley, New York
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John Sherman, Ohio
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G. F. Sulzberger, New York
Elihu B. Taft, Vermont
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Irving K. Taylor, New York
W. B. Taylor, Tennessee
Arthur Turnbull, New York
Theo. N. Vail, New York
R. C. Vanderbilt, New York
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Dear Sir:

You may send me THE FIELD for one year (with a bill for $3).

I believe America's great prosperity and expansion depends upon the kind of agricultural work in which you are engaged.

Very truly yours,

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Correct Address_____

Waukesha County

Our Guernseys Are Bred for Production and Type

¶ Waukesha County, "The County of Cows," is ready to supply you with Guernseys, male or female, grade or registered. We have a large number of them to offer, all ages and all prices.

¶ "The Guernsey Capitol of America" is constantly supplying a great demand for its Guernseys, and there are still a great many animals offered for sale by the members of this great association.

¶ Would you be interested in a fine individual, born March 30, 1919, whose sire is a full sister to two class leaders and out of a 608 lb. cow, and whose dam has a record of 523 lbs. B., Fat Class D?

¶ Or a fine bull born June 8th, 1919, whose dam has a record of 568 lbs. B. Fat? Or a choice youngster born Sept. 2, 1919, whose dam will finish a record of 600 lbs. fat?

¶ Our pure bred females are high producers as well as being of show type. Grade females offered in carload lots. Prices reasonable considering the high quality offered.

¶ Come to Waukesha County when in the market for Guernsey Stock. The undersigned will assist you in locating any number you might want. Arrange dates in advance if possible.

Waukesha County Guernsey Breeders' Association

F. E. FOX, Secretary, WAUKESHA, WIS.

Ultra King of Edgemoor 42532

An Itchen May King--Ne Plus Ultra Combination

Inherits Production, and Sires Calves of the Correct Type

At the March Waukesha Dairy Show fifteen leading breeders of the county exhibited. Ultra King's Progeny were entered in the calf classes and won as follows:

Senior Bull Calf 1st — **Junior Bull Calf 1st and 2nd**
Junior Heifer Calf 1st — **Senior Heifer Calf 1st**
Junior Champion Bull — **Junior Champion Heifer**
First Prize Get of Sire
Silver Cup for best heifer bred by exhibitor
First Prize Produce of Cow

We have cows with official records equivalent to over 500 lbs. fat, and ranging up to 981 lbs. fat.

We offer Bull Calves of this breeding

WM. JONES & SON — **WAUKESHA, WIS.**
McKERROW FARMS — **PEWAUKEE, WIS.**

Guernsey Cattle

MAPLE HILL FARMS

Bull Calf

Born June 1, 1920. Fawn with white markings, clear nose. A splendid individual. 1st and 3d dams average over 400 lbs. fat.

Price $1000

Rex of Rich Neck 31472
Full brother to Pandora's Valentine of Rich Neck, 784 lbs. fat at 4 yrs.
Mignonette of Rich Neck
800.77 lbs. fat at 3 yrs.
Violette of Rich Neck
540 lbs. fat at 2 yrs.
1st three daughters actually in milk average 570 lbs. fat in class G. World's record for a Guernsey bull.

Lura's May of Maple Hill 44844
625 lbs. fat at 3 yrs.
Full sister Lura's Josephine of Edgemoor. 568 lbs. fat at 2 yrs.

Lavanton 11611
A May Rose bull with 10 A. R. daughters with records up to 800 lbs. fat.

Bloomfield Pandora
5 A. R. records. Last record 757 lbs. fat. Only cow of the breed that has A. R. record over 750 lbs. fat and in addition is dam of 2 A. R. daughters with records over 775 lbs. fat and both class leaders.

May King's Vrangue of Ingleside 15430
1st prize Nat. Dairy Show 1910.
1st 9 daughters average over 600 lbs. fat. All 2 and 3 yr. olds except one.

Mambrino's Lura 31577
723 lbs. fat.

FRUIT BROTHERS WAUKESHA, WIS.

WAUKESHA STOCK FARM

is offering for sale

May King's Chum of Waukesha 58397

Born June 4, 1919

Sire—Benton's May King of Ingleside 27446
Sire—May King of Ingleside (A. R.)
Sire—Imp. King of the May (A. R.)
Dam—Dolly Bloom of Langwater (A. R.)
Milk 12024 lbs.; fat 632 lbs.
Dam—Benton's Lady Chesterbrook of Ingleside (A.R.)
690 lbs. fat, class AA—731 lbs. fat, class A.
Dam—Lady Molly of Berkshire 38828 A. R. 4292
Milk, 7766.6 lbs.; fat 347.88 lbs. Now on official retest and in 297 days has produced 9991.7 lbs. milk; 445.3 lbs. butter fat. Will finish with about 550 lbs. butter fat, class A.

For further particulars, write

F. E. FOX Waukesha, Wisconsin

PARK FARM GUERNSEY

BULL CALVES FOR SALE

Sired by Lura's King of Maple Hill 35525. A son of Langwater Hayes Rosie's King of the May with 7 A. R. daughters and Lura's May of Maple Hill with A. R. record, 625.08 lbs. fat in Class E.

Park Tango 61408

Born Sept. 2, 1919

Dam—Park's Isabella Rosie 51734 A. R.
446 lbs. fat at 2 yrs. old. Now on re-test, will make 600 lbs. fat. A daughter of Rhea's King of the May A. R.

Park's Fillpail Champion 61409

Born Sept. 8, 1919

Dam—Imp. Fillpail IV. of the Hall 35462

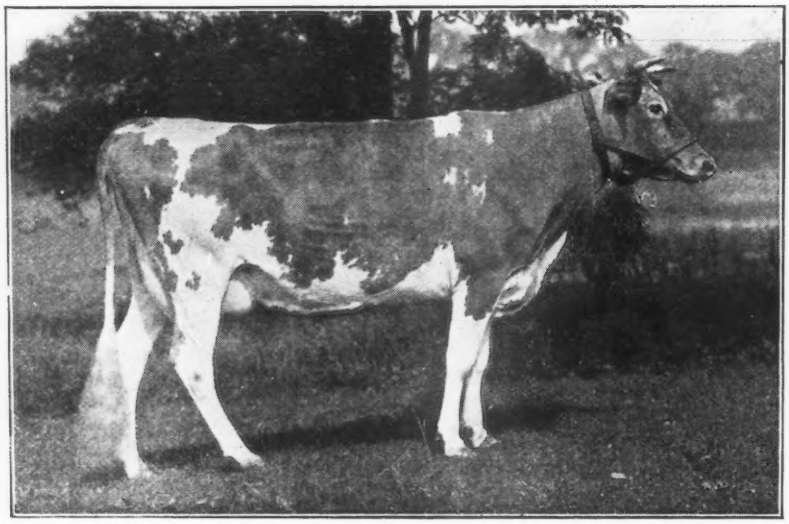
2 year old record, 447.40 lbs. fat

Re-entry 661.98 lbs. fat. A daughter of St. Marcus A. R., with 7 A. R. daughters. Send for pedigrees and price list.

JOHN H. WILLIAMS, Waukesha, Wis.

HILL GIRT FARM

Cossart, Pa.



ULTRA GOLDA 72472

Winner o' Grand Championship, Delaware State Fair 1919

HERD BULL

PICARDY 53127

Sire—Ne Plus Ultra 15265

Dam—Imp. Princess of Quesnard II. 66095

The herd though small is of high grade, and includes a number of prize winners and animals with Advanced Register records. There are usually on hand for sale bull calves out of Advanced Register cows; occasionally a few heifers. The herd includes several daughters and granddaughters of Ne Plus Ultra, bred to Picardy, so their calves will possess a large proportion of the blood of this valuable strain.

Full Particulars cheerfully furnished on application

H G. HASKELL, Owner

CHICONA FARM

GUERNSEYS

We offer for sale the richly bred bull calf

CHICONA CHILMARK

Dropped February 25, 1920. This calf is sired by Langwater Buttermaker who is sired by the outstanding bull, Dolly Dimple's May King of Langwater, sire of Ne Plus Ultra, Itchen Daisy's May King of Langwater and Langwater Nancy. The dam of Langwater Buttermaker is Langwater Lily, and she is the dam of Langwater Warrior, herd bull at Langwater Farms, and whose daughters are making very high records. Langwater Lily is the dam of Langwater Levity, who sold for $6000.00 at the combination sale last year. Buttermaker is without doubt one of the richest bred bulls of the breed.

The dam of Chicona Chilmark is Lady Chilmark 2d, with an A. R. record of 460 pounds of fat. She is sired by the bull, Imp. Masher's Galore, with 19 daughters in the A. R., among them are Linden Girl of Harbor Hill, 785.9 pounds of fat and leading cow in class CC. Nivolette 2d, 758.49 lbs. of fat and sold for $6000.00 and Linden Girl 785.45 pounds of fat. Chicona Chilmark is a show calf and will be sold for $750.00.

A. L. Gile, Owner **Floyd Reith, Supt.**

CHINOOK, WASH.

HILLSWOLD FARM

GUERNSEYS

HERD SIRE

Warrior of Hillswold 42609

Son of

Langwater Warrior 26509

Grandson of

Langwater Fisherman 21873

His daughters are exceptionally uniform and typy
His sons are equally so

For Prices and Pedigrees of Warrior's Sons Address

HILLSWOLD FARM

W. A. CLOUES, Mgr. **SHREWSBURY, MASS.**

DELLWOOD FARM

R. D. No. 2 MOUNT KISCO, N. Y.

John Henry Hammond, Prop J. O. Sewall, Mgr.

In the 1919 Advanced Register Testing Contest of the New York State Guernsey Breeders' Association our cows won first in the following classes:

Enchantress of Dellwood 56697 A. R.	Class D
Rival's Princess of Dellwood 62373 A. R.	Class F
Masher's Countess of Dellwood 72081 A. R.	Class G

We also won Grand Champion A.R. Sire of New York State, 1919, with Masher's Elsie's May King 30630 A.R.

A few bull calves of similar blood lines for sale and occasionally females.

Herd On Accredited List

BONEKA FARMS

HERD SIRES

SR. SIRE—GOLDEN SECRET OF WELLESLEY 48177

NOTE HIS RICH BREEDING

1st Generation—Langwater Planet 31326. Junior sire at C. H. Jones, Bonita's Secret 63037. Now at Boneka.

2d Generation—Langwater Royal Master 23663.
Langwater Desire 40709. 14219 milk, 708 fat.
Fillimore's Golden Secret 28009.
Bonita of Edgewood 47556. Sold at Auction for $600.

3d Generation—Imp. May Rose King 9001.
Imp. Royal Rose of Easton 15483. 517 fat. 2 A. R. daughters.
Langwater Monarch 20879. Full brother to Dolly Dimple. 906 fat, 18450 milk.
Langwater Dairymaid 26377. 16940 milk, 812 fat. Sold for $6150.
Imp. Golden Secret 12599.
Bonnie Deanie 17086. 15016 milk, 656 fat. 2 A. R. daughters.
Pencoyd's Golden Secret 16550.
Imp. Bonita II. of Les Bordages 39576. 12278 milk, 657 fat.

JR. SIRE—ROYAL ROSE BASIS 60154
Bred in May Rose-Sequel Lines

FOR SALE—Several cows and two bulls.

J. H. HUNTER VALLEY FALLS, N. Y.

Over 5000 Breeders

are now reading the JOURNAL

It will pay you to have them see your Ad. here

Rates on Request
American Guernsey Cattle Club
Peterboro, N. H.

BREIDABLIK FARM

ACCREDITED HERD

SR. HERD SIRE:
Brookmead's Taurus of Breidablik 47887

JR. HERD SIRE:
Langwater Poilu 52117

The splendid heifers by Brookmead's Taurus of Breidablik are being bred to this Junior Herd Sire, out of Langwater French Lady sired by Langwater Warrior.

Among bull calves, we have for sale, sired by our Senior Herd Sire are: Breidablik Aimable 60132, born February 10, 1919. Out of Aimable Snowdrop of Oak Ridge 50932 with record of 419.41 lbs. butter fat. Class D.

Breidablik May King 60133, born February 13, 1919. Out of Lucinda May King 62221. First Prize at Delaware State Fair, 1919.

Breidablik Successor 60797, born May 15, 1919. Out of Imp. Beauty III. du Douvre 34254 with a record of 768.54 lbs. B. F. Class A.

Full particulars given upon application

H. J. KREBS, Owner H. L. LeBARON, Mgr.
P. O. BOX 950
Wilmington, Delaware

SUNNYBROOK GUERNSEYS

CHARLES D. CLEVELAND
EATONTOWN N. J.

I OFFER:

1. Sunnybrook Ultra King

Born March 4, 1920

Price $750

WARDEM ULTRA KING
1 daughter on test

Royal Favorite
1st daughter made 459 lbs. fat in F.

Queen of May Rose A. R.
539 lbs. fat, class D.

Ne Plus Ultra A. R.
Rosie of the Pallotterie IV. A. R.

May Rose King A. R.
Lady Niphetos A. R.

SUNNYBROOK PRIMROSE
1st Prize Syracuse 1917 and other prizes.
On test in Class B, 54.47 lbs. fat first month.

Florham Autocrat A. R.

Jason's Enchantress of Upper Freehold A. R., 780 lbs. fat.

Ne Plus Ultra A. R.
Imp. Rose of les Frances A. R.

Jason of Haddon.
Straightforward A. R.

Stranford's Loraine.
By Imp. Lord Stranford.

2. Sunnybrook Gallant

Born March 23, 1920

Price $1000

HIGH POINT CAVALIER
Sold for $16,400

Ultra May King A. R.

Cavalier's Helen A. R.
734 lbs. fat, F

Don Bernardo of Linda Vista A. R.
Ultra Lady A. R.

Langwater Cavalier A. R.
Helen of Ledyard 3d.

SUNNYBROOK MARGUERITE
On test in Class D, made 45.50 lbs. fat first month on account of low test.

Florham Autocrat A. R.

Imp. Duke's Daisy of the Isle A. R.
640 lbs. fat, C.

Ne Plus Ultra A. R.
Imp. Rose of les Frances A. R.

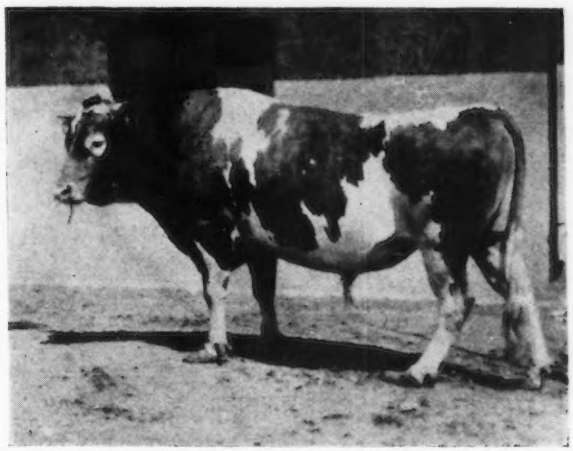
Duke of the Rochers A. R.
Daisy
On Alderney.

ACCREDITED HERD

LOCHEVAN FARM DERBY, N. Y.

Offers A Herd Reduction Sale

A rare opportunity to Guernsey Breeders of securing stock, which has been royally bred, carrying some of the greatest blood lines of the breed, tracing to such Sires as **Governor of the Chene, King Masher, Imp. Masher's Sequel, Imp. Island Champion**
Desiring to greatly reduce our herd we have placed a price upon every animal, including our Herd Sire:



GOVERNOR OF LES GRANTES 41306 (5 yrs old)
Son of Governor of the Chene 1297
A superb animal, fit to head any herd in the world. Herd regularly Tuberculin Tested. Free from Abortion.
Male and Female Calves, 2 to 8 mooths old. Young Cows, 2 to 4 years old
Your inspection cordially invited. These animals will not remain long with us at the attractive prices we have placed upon them. If you cannot personally pay us a visit, write for prices and pedigrees. State your wants. Satisfaction guaranteed.

Address: LOCHEVAN FARM

G. E. KOCH, Supt. **DERBY, N. Y., Erie Co.**

LISETER FARMS HERD

NEWTOWN SQUARE, PA.

IMP. MAY ROSE II. OF FRIE BATON 68669
11504.4 lbs. milk; 549.09 lbs. fat in class CC
Sire—Imp. Prince of La Croisee 40950
Dam—Imp. May Rose of Frie Baton 68651

We are offering a son of this cow that is sired by

Raymond's Bequest of the Manor 33197

by Imp. Raymond of the Preel 11353, by Masher's Sequel 11462

Also a son of Imp. Fairy Duchess III of Frie Baton 68674, 10169.7 lbs. milk; 564.65 lbs. fat in class D

Write for Full Particulars

J. L. Austin **Rosemont, Pa.**

Gayhead Guernsey Farm

HERD SIRES IN USE

Gayhead's Ultra May King 40432
6 Crosses
Itchen Daisy 3d 26¾%

Ultra May King 27600
Dam—Ultra Lady 14019.2 M.; 748.16 Fat. AA
Daughter of Ne Plus Ultra.

May King's Golden Lenore
16350.3 M.; 727.68 Fat. B.
Daughter of Itchen Daisy's May King of Langwater

Ultra May Day
2 Crosses
Itchen Daisy 3d 16⅛%

Merry May Day

Princess Ultra Grace
Now on test Class E. will finish with about 740 lbs. fat
Daughter of Ne Plus Ultra

Langwater Africander
5 Crosses
Itchen Daisy 3d 34⅜%

Langwater Steadfast 31672

Langwater Queen of the East 70304
Record: 13221.5 M.; 646.81 Fat. Class G.

Six Granddaughters of Itchen Daisy 3d in the herd

BULL CALVES OF THIS BREEDING FOR SALE

GEO. M. WHITE, Prop. **Freehold, N. Y.**

Oakhurst Farm

OFFERS

CHOICE GUERNSEY FEMALES

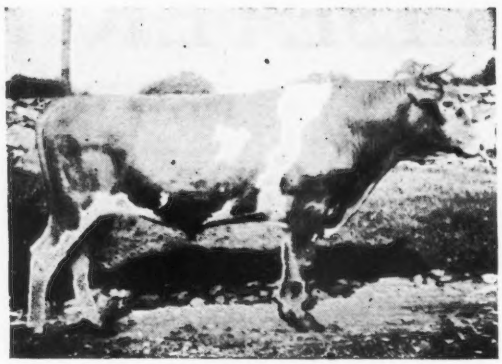
Young Cows With Records
Bred Heifers With A. R. Dams

Breeding and Conformation will satisfy most critical

Look Them Over Before Purchasing

OAKHURST FARM
Millerton, N. Y.

SOUTHWOLD FARM



JUNIOR HERD SIRE

Spotswood Daisy's Consort of A. D. F. 48988
(Double Grandson of Langwater May King)

Sire—Spotswood Daisy's May King 26772
Sire—Langwater May King 13001
Dam—Spotswood Daisy Pearl 17696 A. R. 790

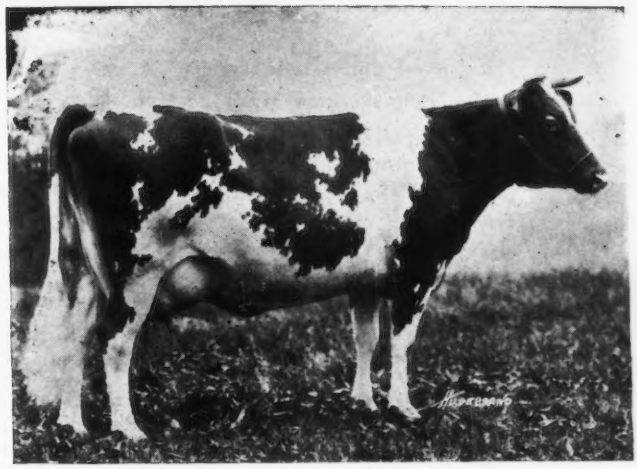
Dam—May Queen of Rondiaux 48324
Sire—Langwater May King 13001
Dam—Imp. Beauty 2d of Rondiaux

Bull Calves of May Rose breeding for sale

Entire Herd under U. S. Government Supervision for Tuberculosis

G. S. Allen, Mgr. **C. W. Worrall, Owner**
GOLDEN'S BRIDGE, NEW YORK

UPLAND FARMS GUERNSEYS



FALSTAFF'S WYOMING OF UPLAND FARMS 68406

UPLAND'S PENETRATOR 61387

Falstaff's Wyoming 68406, a daughter of Langwater Cavalier 21012, sold for $8000.00 at the Combination Sale, Midlothian, Illinois

Upland's Penetrator 61387, a son of Langwater Cavalier 21012, sold for $2500.00 at the Combination Sale, Midlothian, Illinois

Lotota of Upland Farms 52907, a daughter of Langwater Cavalier 21012, has 9232.10 lbs. Milk, 519.74 lbs. Fat in Class G., 11200.60 lbs. Milk, 632.43 lbs. of Fat in Class E., 12698.10 lbs. Milk, 675.69 lbs. Fat in Class A

We have recently purchased the entire herd of Guernseys formerly owned by Dr. George Chamberlain of South Newbury, Vermont. Nearly two-thirds of the herd are of Upland Farms blood, and every individual in the herd CAN and WILL be bred to Langwater Cavalier 21012

F. P. FRAZIER, Pres. **W. K. HEPBURN, Mgr.**

Wawa Dairy Farms

WAWA---Delaware County---PENNA.

This Herd of nearly 500 head of Pure-Bred and Grade Guernseys was established in 1902 by Mr. George Wood of Philadelphia, Penna., director of the Pennsylvania Railroad, and other large Corporations, and is today producing Certified and Inspe' ted Raw Milk for the highest class trade. The health of our herd, and the cleanliness and safeguards necessary to the continuous production of such products are an added assurance to purchasers of animals from the herd.

SEVEN BULLS of outstanding size, type and backing for Advanced Registry Production are in service. All are "Bred in the Purple." Notable in this list is a son of the great cow Pallotta's Beauty of Barrington 38471. 650 lbs. Fat in Class D, and now on retest and making a remarkable record. This bull is sired by Langwater Stars and Stripes 21872, sire of of Brookmead's Dorothy, Second Place in Class G with 742 lbs. Fat. Langwater Stars and Stripes is a full brother to Dolly Dimple's May King, sire of Itchen Daisy's May King, the $20,000 Bull.

NOTE EXTENDED PEDIGREE BELOW

Brookmead's Stars and Stripes 49117

Langwater Stars & Stripes 21872 A. R.
Sire of 5 A. R. daughters including Brookmead's Dorothy, World's Record 2 yr. old Guernsey.
Milk 14,179.4; fat 742.08; average 5.23%.
First 8 daughters average 540 lbs. fat at 2 yrs. with 5th standing 11th in class GG. Two daughters sold for an average of $4,750 at Chicago 1918 sale.

Imp. King of the May 9001 A. R.
25 daughters average 600 lbs. fat. 16 daughter's sold for record average of $1968, October 1916.
Sire of Lang. Hope 1003 lbs. fat and grandsire of Brookmead's Dorothy.

Imp. May Rose King 8336 A. R.
21 daughters average 584 lbs. fat. Sire of Queen of the Roses, 852 lbs. fat; and dam of Don Diavolo, record priced bull, sold for $10,000

Itchen Jewel 1112 E. G. H. B.

May Rose 2nd
Foundation of the May Rose Family.

Imp. Itchen Daisy 3d 15630 A. R. 100
Milk 13,638. Fat 714.1. Dam of Ne Plus Ultra A. R., Itchen Daisy's May King, Lang. Dairymaid, record priced female $6,150.

May Day 1132 E. G. H. B. A son of May Rose 2nd.

Daisy's Gem 3341 E. G. H. B.

Yeo 1140 E. G. H. B.

Imp. Yeoman 8618 A. R.
Sire of many A. R. sons and daughters.

Imp. Hayes Rosie 15476 A. R. 116
Milk 14,633; fat 714; 2 high record daughters.

Dolly Dimple 19144 A. R. 628.
703 lbs. fat, 2 yrs; 906 lbs. fat, 3½ yrs; 876 lbs. fat, 5 yrs.
Dam of Lang. Luxury sold for $5000 at Chicago 1918 sale. Dam of 2 sons the sires of class leaders.

Dolly Bloom 12770 A. R. 40
453 lbs. fat, 2 yrs; 623 lbs. fat, 3 yrs; 836 lbs. fat, 5½ yrs.
Dam of Jethro Bass, sire of Lang. Dairymaid, record priced Guernsey cow.

Divan 5846 A. R.
9 A. R. daughters.

Questa 11385

Imp. May Rose King 8336 A. R.
Sired:
Queen of the Roses A. R. 1091; 852.86 fat.
Rosa Rubra A. R. 1741; 788.9 fat.
Anton's May Rose A. R. 1926; 766 fat.

Itchen Jewel 1112 E. G. H. B.

King Bell 13482 A. R.
1st & Grand Championship Michigan State Fair 1911. 2nd prize National Dairy Show, Chicago, Ill., 1911. Sired: Polly Bell 39656 A. R. Milk 7,588.9; fat 442.77, 2 years.

May Rose 2nd 3251 P. S.
1st prize over Guernsey in 1896 and 1897. 1st in England 1897.

Imp. Bella III. of the Ramee 18899
Under A. R. test gave up to time of sale 229 days, milk 5,416.1; fat 283.81; 277.8 lbs. required.
Dam of Belladia 31909.

Fountain Head 1309 P. S.

Bella of the Ramee 2390

Palotta's Beauty of Barrington 38471 A. R. 4518.
Milk 10,786.05; fat 650.08; Class D; average 6.03%.

Guernsey Champion 8218 A. R.
1st prize 2 yr. old and Grand Champion Bull St. Louis 1904.

Imp. Island Champion 6263 A. R.
8 daughters in A. R.

Pallotta 25102

Imp. Polly of the Pallotterie II. 18898
1 daughter in A. R.

Sheet Anchor's Honoria 9163
1st prize Bay State Fair 1904.

Slip of the Bordages 2nd 1330 A. R

Polly of the Pallotterie 2349 F. S.

BROOKMEAD'S STARS AND STRIPES' first crop of calves are now due. His first calf, a heifer, is a beauty.

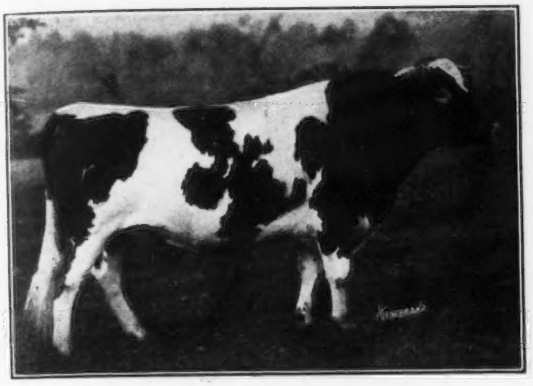
Write for Sales List. Male calves only. Prices moderate and satisfaction guaranteed

ADDRESS ALL CORRESPONDENCE TO

WAWA DAIRY FARMS

22 South 32nd Street **PHILADELPHIA, PENNA.**

LAUDHOLM FARMS



LANGWATER CHIEFTAIN, 39437

Carries 25.78% May Rose II blood. Sired by Langwater Warrior, 26509, out of Langwater Lady Love, 49698 A. R. 5507

A Pair of May Roses

OUR HERD SIRES

RED GAUNTLET OF LINDA VISTA, 39579

Carries 26.17% May Rose II blood. Sired by Imp. Itchen Red Raider, 27342, out of Mayflower of Linda Vista, 42568 A. R. 4345

¶ Wishing to greatly reduce our herd we have placed a price upon every animal, including our herd sires, A. R. cows having excellent records, and their progeny, both male and female. The herd is regularly tuberculin tested and is in perfect health. For pictures, prices, pedigrees, and all particulars, address

GEORGE C. LORD, 2ND, *Manager* *Post Office,* WELLS, MAINE *Telephone,* WELLS 62-2

SUBURBAN FARM GUERNSEYS

PHEBE D. OF MAPLELAWN

In her 20th year, now on test. Making over 44 lbs. fat per month
During her 16th year made 522.98 lbs. fat

FOR SALE—HER BULL CALF, Born Nov. 17, 1919.
Sired by Preakness Warrior

Send for Sales List of Bull and Heifer Calves; also Bred Cows

JAMES H. SEAMAN GLENS FALLS, N. Y.

GUERNSEYS BOUGHT AND SOLD

I have a good son of Ne Plus Ultra for sale.

Have two parties ready to buy entire herds of Guernseys.

Have one party wanting a 2 or 3 year old high class show bull.

Have one party wanting to buy a large number of bull calves, at a price that he can afford to raise them and re-sell at service age.

Also one party wanting several heifers under milking age.

ALFRED I. STUBBS

R. R. 3, Auburn, N. Y. Phone 25F13

If you have any high class, choice animals for sale, let me know about them.

HIGHLANDS

LINWOOD, N. Y.

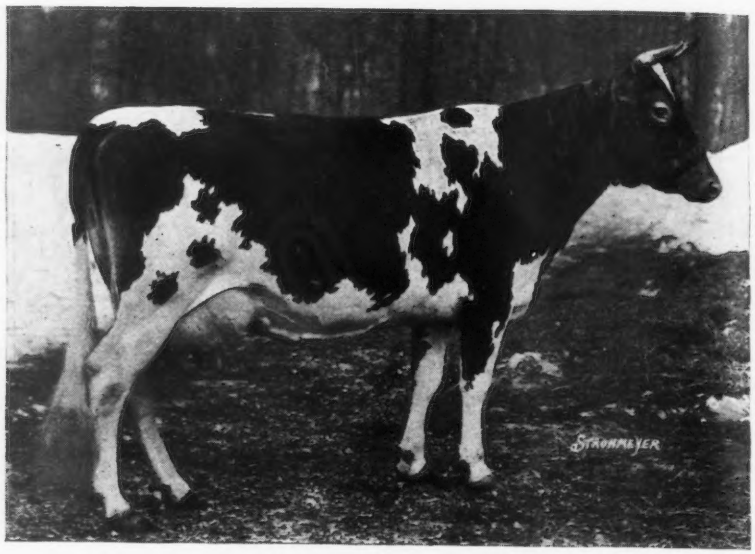
Announce the recent purchase of

Ultra May Rose 60977

AND

Ultra Rose May 80110

Two splendid daughters of the great **Ne Plus Ultra.** Both are out of granddaughters of **May Rose King.**



We Offer For Sale a Few Splendid Bull Calves

Write for Prices

ENTIRE HERD TUBERCULIN TESTED UNDER FEDERAL SUPERVISION

W. H. GRATWICK, Owner
Office, 1604 Marine Bank Bldg.
Buffalo, N. Y.

For Particulars address
NYE H. FREEMAN, Herdsman, Linwood, N. Y.
R. E. LOWDEN, Supt., Linwood, N. Y.

Mound City Farm

HAS PLACED

Rose of Little Platt 55717

12159.7 lbs. milk 666.71 lbs. fat
2nd in Class BB

WE OFFER HER BULL CALF

Sired by May King's Vrangue of Ingleside, the leading sire of production in the middle west

WE ALSO

Offer a Ten Months Old Bull

By Langwater Frenchman and out of Clara of Mound City [by Clara's Sequel] with 580.16 lbs. fat, Class F.

Bulls out of A. R. dams and by a son of a 909 lb. dam, also for sale

HERD BULLS

May King's Vrangue of Ingleside A. R.
Langwater Frenchman A. R.
Cinderella's King of Mound City

Dam—Cinderella Josephine 54500

Records—530 fat, Class G
727 " at 5 yrs.
909 " " 6 yrs.

CHAS. A. WILKINS, OWNER **PLATTEVILLE, WIS.**

We Are Now Offering For Sale

BULL CALF

Dropped Last October

A line bred May Rose youngster, whose 23 nearest dams average 636 pounds of fat.

SIRE—Foshay's Yeoman. 13 nearest dams average 638 lbs. of fat. Is siring some excellent heifers with deep, long bodies.

DAM—Hambro's Dereen 65266. Has 397 lbs. fat in class FF and will be tested as a four year old—She won 2nd prize at 1919 International

For photo and extended pedigree

—WRITE—

John T. Whalley 612 McKay Building **Portland, Oregon**

—OR—

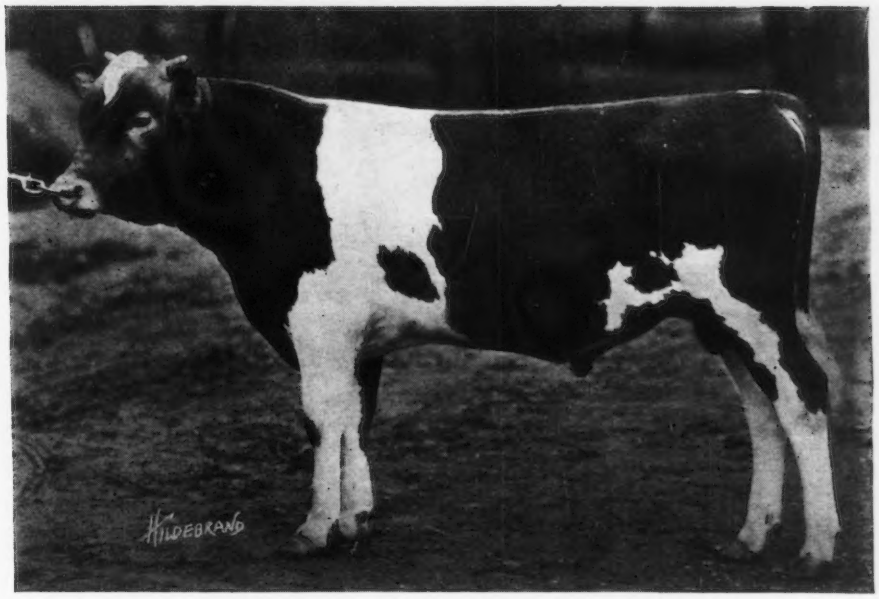
Octav Voget - - Hubbard, Oregon

Shuttlewick Farms

-:- OFFER FOR SALE -:-

Daphne's Crusader of Shuttlewick 53595

NOW ONE YEAR AND NINE MONTHS OF AGE



ABOVE PHOTOGRAPH TAKEN AT EIGHT MONTHS

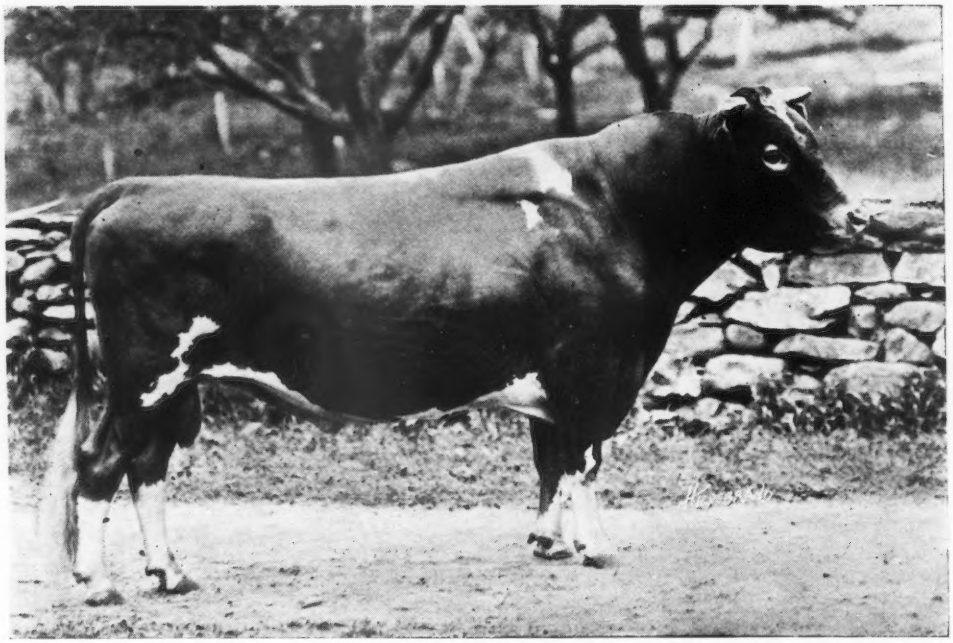
Crusader is a grandson of Don Diavolo of Linda Vista 23565, who sold for $10,000, the then top price for a Guernsey Bull. His fourteen nearest sires are in the Advanced Registry and his ten nearest tested dams average *725.12* lbs. of fat. He traces once to Golden Secret, four times to Imp. King of the May, three times to Imp. Hayes Rosie and three times to Dolly Bloom.

Myran A. Wick, Owner
232 E. 131st Street
CLEVELAND, OHIO

F. O. Millington, Supt.
Shuttlewick Farms
CHAGRIN FALLS, OHIO

MIXTER FARM

HARDWICK, MASSACHUSETTS



Mixter Demonstrator Goes to Amsterdam, New York

Mr. Richard D. DeForest, who has been a constructive breeder of Guernseys for several years, has just purchased one of the Mixter Farm herd sires, MIXTER DEMONSTRATOR.

MIXTER DEMONSTRATOR is one of the finest individuals ever sold from the Mixter Farm. He has 20 odd daughters on the farm that are coming along in fine shape. They are all of splendid type and have wonderfully fine udders.

Mr. DeForest also purchased ten young cows, many of them bred to LANGWATER FISHERMAN and LANGWATER COLLEGE KING, a combination which will give him a splendid start in breeding MAY ROSE Guernseys.

W. J. KINGSLAND, Proprietor R. A. BROWN, Manager

DERRYDALE FARM

Goshen, Orange County, New York

Introducing Derrydale Guernseys

ALL ANIMALS ISLAND BRED

HERD SIRE

Imp. Blanchette's Honour 57906

Imported Blanchette's Honour 57906 combines the blood of two of the greatest cows on the island of Guernsey in Valentine III. 7514 P. S., 15,477 lbs. of milk; 783 lbs. of fat at 5 years old; and Blanchette II. 3034 F. S., 13003 lbs. of milk and 621.58 lbs. of butter fat at 8 years old, and tracing to the great May Rose Cow, May Rose 2nd, through three sources including Sequel's Honoria 6722 P. S. and Blanchette II. 3034 F. S., also traces to La Belle France 14454 eight times, Vrangue's Favorite 4th 1923 F. S. eight times; Imp. Masher's Sequel 11462 four times; and Harley of Chitral 1182 P. S., A. R. three times.

The pedigree of this bull does not include an inferior or mediocre animal.

Blanchette's Honour's Dam, Blanchette of Passee Villa 1524 P. S., A. R. is one of the most promising young cows on the Island today with A. R. Record of 9,860 lbs. milk and 485.67 lbs. fat in class G.

The herd includes twenty-five imported heifers representing the best blood in the Island, and carefully selected from high producing Ancestry.

The majority of these animals will go on test for Advanced Registry as they freshen, and all testing will be under normal farm conditions.

Entire herd under U. S. Government Inspection for tuberculosis.

All cattle ready for inspection by interested parties at any time.

BULLS FOR SALE GEORGE W. RESSMEYER, Herdsman

WOODLEA FARM GUERNSEYS

SENIOR SIRE

Milk Maid's Ultra King 44208

Sire—Ne Plus Ultra

Dam—Princess Milk Maid

568 lbs. B. F. Class F.

Bred Heifers and Bull Calves For Sale

H. S. DULIN . LEESBURG, VA.

Loudoun Co.

A $1000

BULL CALF

For $500

BORN FEBRUARY 22, 1920

A Royally Bred Calf. Color—Fawn with white markings, clear nose

Royal Regent
- Prince Regent
  - Imp. Holden IV.
  - Imp. Queen Regent 15800 Milk; 800 Fat
- Topsy of Edgewater
  - Pencoyd's Golden Secret
  - Imp. Topsy de Carteret 17691 Milk; 780 Fat

Rodella's Mure Glenwood

She is a granddaughter of Contrafuria A. R., 534 as a 2 year old, now on retest with 300 lbs. of fat in 157 days.

J. M. WILLIAMS

NORTH ADAMS MICHIGAN

GRASSLAND FARMS

Offers 10 Choice Females for Sale

(The natural increase of the herd)

Also young bulls from Advanced Registry parents. Herd free from tuberculosis, by Federal test. Correspondence and inspection invited.

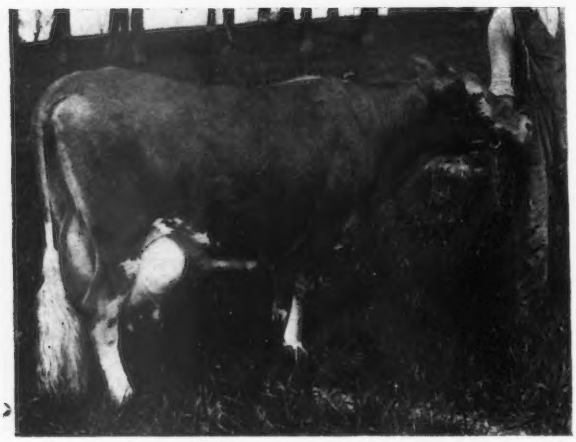
TACONIC (Litchfield County) Connecticut

Central New England Railroad.

LOCUST GROVE FARM

Is Offering a Fine Bull Calf Dropped May 1, 1920

Out of Our Foundation Cow Shown Here



IMP. POLLY III. OF THE DUVAUX 39654

A daughter of Imp. Galaxy's Sequel 16904. Is milking over 60 lbs. a day

For Further Particulars Address

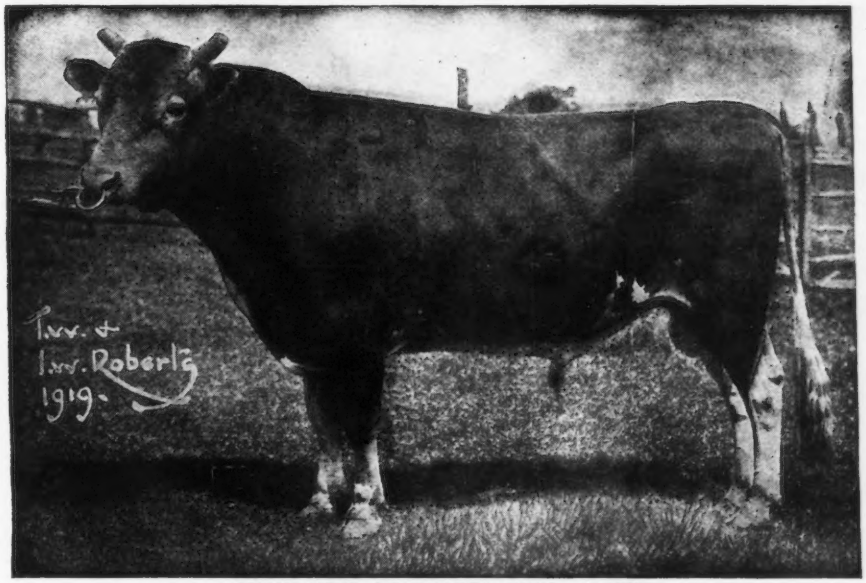
LOCUST LAWN FARM **A. A. Gillette, Owner** **LIMA, NEW YORK**

PENCOYD FARM

BALA, PENNA.

Headquarters for "Golden Secret" Blood

HERD SIRES
- Pencoyd's May Rose Count, 34171 (Carries 50%)
- Pencoyd's Marose Golden Secret, 62903 (" 37½%)
- May King of Watch Hill, 47785 (" 25%)
- Pencoyd Champion, 62753 (" 25%)



MAY KING OF WATCH HILL, 47785

MAY KING OF WATCH HILL, 47785

Imp. May Rose King, 8336
Sire of 21 A. R. daughters with an average of 584.85 lbs. fat.
Sire of Queen of the Roses. 17753.1 lbs. milk, 852.86 lbs. fat. Class A, who in turn was the dam of Don Diavola of Linda Vista 23565, sold at the Chicago sale for $10000.

Beda's May King
23 daughters in A. R., including:

Alice For Short, A. R. 1889
Milk, 14874 lbs.
Fat, 736 lbs.

Maggie Shand, A. R. 2132
Milk, 14359 lbs.
Fat, 701 lbs.
Age, 4 years.

May Clover of Pencoyd, A. R. 7731
Milk, 10453 lbs.
Fat, 578 lbs.
Age, 2 years.

Golden Janella of Pencoyd, A. R. 7592
Milk, 12001 lbs. Fat, 516 lbs.
Age, 4 years.
(Carrying Twin Calves)
3-4ths. Sister to Nella Jay 4th, A. R. 3194
Milk, 14772 lbs. Fat, 726 lbs. A
Milk, 16040 lbs. Fat, 769 lbs. D
Milk, 20709 lbs. Fat, 1019 lbs. G

Imp. Golden Secret of Lilyvale 10028, A. R.
Sire of:—

Nella Jay 4th	20709	1019
Rose of Pencoyd	16669	865
Diana of Pencoyd	16076	845
Clover of Pencoyd, 3d	14340	818 D

Imp. Golden Secret, 12599, A. R.
13 A. R. daughters 6 A. R. sons
Sire of
Nella Jay 3d, A. R. 4835
Milk, 17047 lbs.
Fat, 809 lbs.

Nella Jay 2d, 29718
Dam of
Nella Girl of Pencoyd.
M-12841, F-493 FF.
World's record for milk in Class FF.

Imp. Golden Secret, 12599, A. R.
Grandsire of Langwater Hope. Fat—1003
Nella Jay 4th, Fat—1019

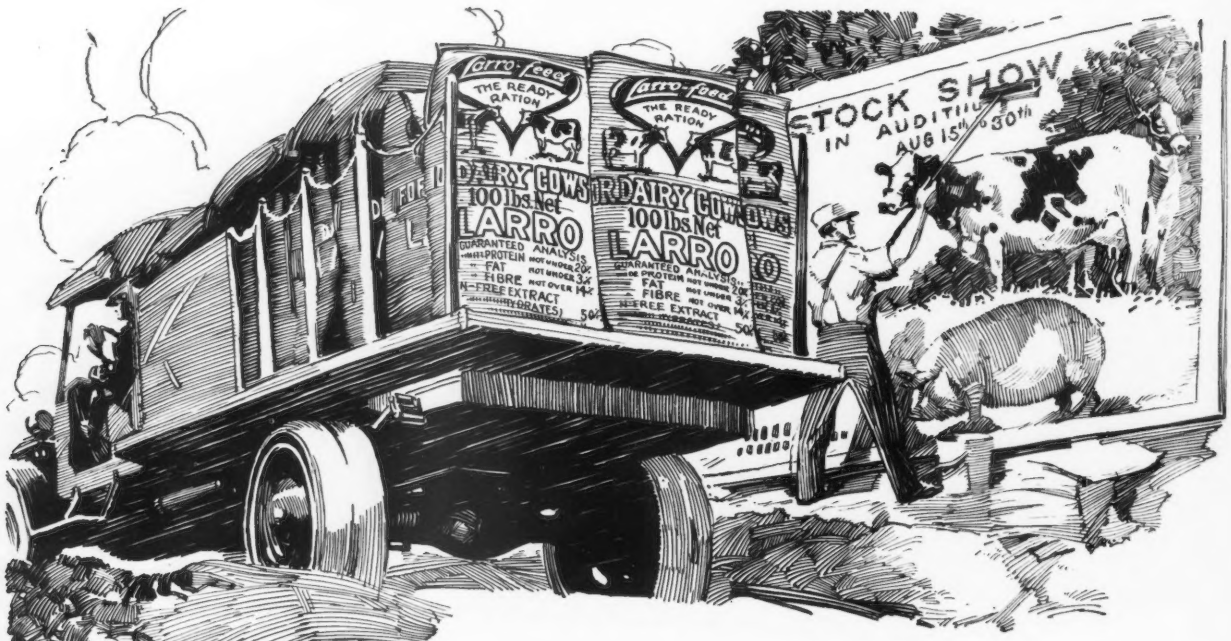
Nella Jay, 16480. A. R.
Dam of

Nella Jay 3d	17047	809
Nella Jay 4th	20709	1019
Nella Jay 5th	12769	621
Nella Jay 6th	12361	610
Nella Jay 7th	12359	584

Address correspondence to

T. W. & I. W. ROBERTS, *Breeders*

1644 Land Title Building, Philadelphia, Penna.



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To improve the milk record on ***any cow*** in your herd—feed her Larro, according to instructions on the guarantee shown below.

Remember—two sacks of Larro must increase her milk yield or you get your money back!

This is the same guarantee of more milk which has stood back of Larro for seven years. To the man who who is not yet a Larro user it is an absolute promise of better results from his cows—to the veteran Larro user it is double assurance that Larro today is the same as it was in the beginning—that its quality will never be changed.

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No matter how much milk your cows are producing on their present ration Larro is guaranteed to make them produce more—and every Larro dealer is authorized to carry out this guarantee to the letter. If your dealer does not have Larro in stock get in touch with us direct.

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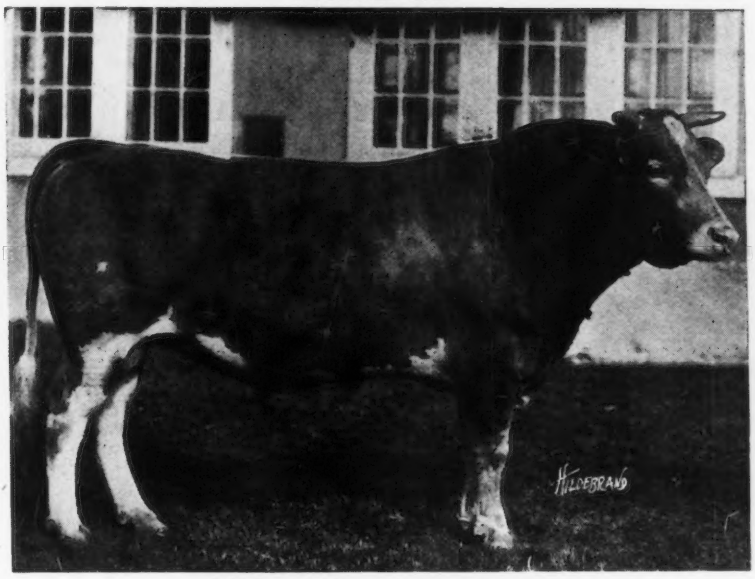
Larro-feed

THE READY RATION FOR DAIRY COWS

GUARANTEED LARROWE PRODUCTS

FOUR PINE FARM

HOME OF



KING OF CHILMARK 20798 A. R.

First Five Daughters to Finish Official Test

	Lbs. Milk	Lbs. B. F.	Class
Ina's Grace 49724	13502.5	775.04	B
Wallie's Queen of Glencairne 49721	14275.5	756.00	C
Sanoma's Archer Girl 56637	13270.6	692.08	E
Minnehaha's Papoose 67732	11623.6	678.37	GG
Lady du Chene 56632	12768.0	640.98	E
Average	13088.0	708.49	

At an Average Age of 3 Years and 6 Months

This record far exceeds the record of any other Guernsey Bull and from the best information we can get is a record not equalled by any bull of any breed. Four out of these five daughters finished among the class leaders.

His first granddaughter tested, Little Star of Glencairne 64127, now holds first place among the leaders in Class FF, having finished her test with a record of 11549.9 lbs. milk and 630.50 lbs. butter fat. These records were made by Mr. R. H. L. Chi hester of Fredericksburg, Virginia.

MINNEHAHA'S PAPOOSE 67732

A. R. Record: 11623.6 lbs. milk and 678.37 lbs. butter fat, giving her second place in Class GG at the time of finishing her test

Federal Accredited Herd—Certificate No. 708

WATCH THE NEXT ISSUE FOR CHANGE IN COPY

F. K. BABSON, Proprietor HINSDALE, ILLINOIS **E. D. COMSTOCK, Supt.**

EDGEWATER FARMS

Senior Herd Sire: ROSE NOBLE 20427

Sire—Ne Plus Ultra 15265

Dam—Florham Rosa 28062 A. R.

Record: 12146.55 lbs. milk, 621.36 lbs. fat

Rose Noble 20427

Ne Plus Ultra 15265.
12 A. R. daughters.

Florham Rosa 28062.
A. R. Record: 12146.55 lbs. milk, 621.36 lbs. fat.

Dolly Dimple's May King of Langwater 12997.
7 A. R. daughters, 2 A. R. sons.

Imp. Itchen Daisy 3d 15630
(A. R. 100.)
Record: 13,636.80 milk, 714.10 fat.

Country Lad 10873
2 A. R. daughters.

Imp. Rosy of the Palotterie IV. 18897.
A. R. Record: 11077.15 lbs. milk; 718.15 lbs. fat.

Imp. King of the May 9001
17 A. R. daughters average 572.97 lbs. fat.
5 sons have A. R. daughters.

Dolly Dimple 19144
703.36 lbs. fat at 2 years, 906.89 lbs. fat at 3½ years.

May Day 1132 E. G. H. B.
Sired the dam of Spotswood Daisy Pearl. Record: 957.38 lbs. fat.

Daisy's Gem 3341

Rutilant 8397
3 A. R. daughters

Country Maiden 16867
(A. R. 468.)
Dam of Country Maiden 2d (A. R. 2692.)
13538.80 Milk, 639.83 fat.

Sly of Bordages II. 1330 P. S.
2 A. R. daughters.

Rosy of the Palotterie 2034

This Bull Along With Sons and Daughters For Sale

CANANDAIGUA **NEW YORK**

NOTICE

Watch Marshie D. V. 67481 in Classs B

and King's Onie 47319

Milk 14412.7 lbs. Fat 641.47 lbs.

These are the dams of two fine bulls which are over 9 months old

The home of PENCOYD MASTERPIECE 37685 out of Diana of Pencoyd 38586 with 16073.3 lbs. of milk; 845.27 lbs. of butter fat. Class A.

W. H. Rutherford

Madrid **New York**

Vanity's Rose King of Oakhurst

An exceptionally well bred bull, dropped July 2, 1919. Will be offered for sale after Sept. 15, 1920

Should be seen to be appreciated

DAM—Golden Vanity of Oakhurst 76056. Now on test. Will make close to 500 lbs. fat, and 9000 lbs. milk (Class G.). Granddaughter of Rosie V of the Bourg de Bas 36380 (A. R. 2802,) now on retest; made 2085 lbs. milk and 94.89 lbs. of fat for month of March.

SIRE—Sire Rose King of Oakhurst 45870. Double great grandson of IMP. MAY ROSE KING.

Send for breeding and particulars

H. H. MEADER, SUPT.

Oakhurst Farm, Millerton, N. Y.

LYNBROOK FARM

SOUTHBORO, MASS.

HOME OF

The only bull of the breed combining the blood of the greatest son of Golden Secret and the greatest breeding daughter of King of the May

PENCOYD'S ROYAL SECRET 40685

The only bull of the breed combining the blood of the greatest son of Golden Secret and the greatest breeding daughter of King of the May

(Sire—**Imp. Golden Secret of Lilyvale 10028 A. R.)**
17 A. R. Daughters
The Greatest Son of

GOLDEN SECRET

(Dam—**Langwater Early Rose 19145.) Her 3 A. R.**
Daughters average 676 lbs. fat.
The Greatest Breeding Daughter of

KING OF THE MAY

—FACTS—

1. PENCOYD'S ROYAL SECRET is line bred through the two greatest May Rose lines of production.
2. His sire and dam are the two greatest breeding individuals of their respective sires—the two greatest May Rose sires and two of the greatest sires of the breed.
3. He is by the same sire as Nella Jay IV. A. R. 1019 lbs. fat—the only triple class leader of the breed.
4. His sire is the only bull of the breed having three daughters with A. R. records that average 900 lbs. fat.
5. He is a full brother of Rose of Pencoyd A. R., 865 lbs. fat; Pencoyd Rose A. R., 603 lbs. fat; and Golden May Queen of Pencoyd A. R., 603 lbs. fat.
6. He is bound to be great—to be a great May Rose factor in the Guernsey breed.
7. His sons and daughters are DIFFERENT—they are BETTER.

SONS ONLY OF THIS BULL FOR SALE

Every Aged Cow in our herd has an A. R. record

For Particulars Write to

THOMAS P. LINDSAY
SOUTHBORO, MASS.

R. G. HARWOOD
92 WATER STREET, BOSTON, MASS.

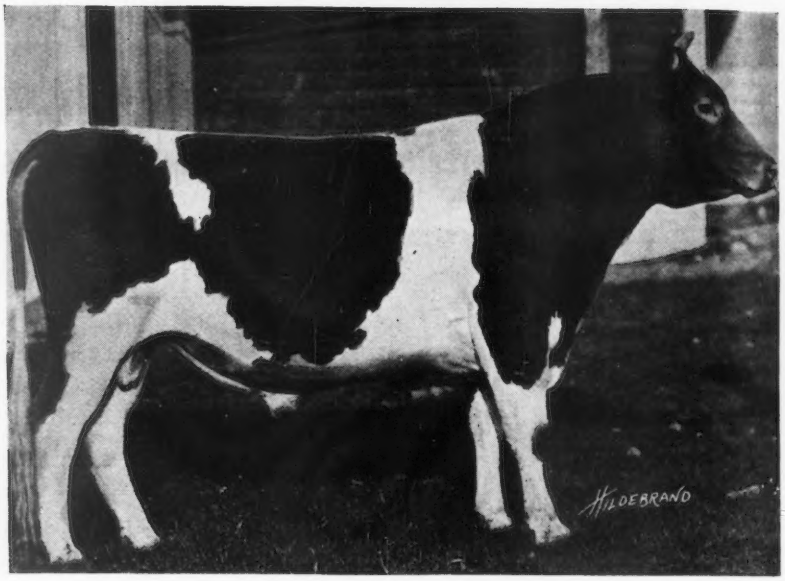
ORSBEE FARM

We offer twenty young cows and heifers, in calf, from herd under Government and State Supervision.

Young Bulls and Bull Calves at Farmers' Prices.

Orsbee Farm

Mountainville
Orange County New York



HERD BULL, COTTINA'S PRINCE OF OAKS FARM 46995

WANTED

SERVICE BULL

FROM ACCREDITED HERD

Best that $500.00 will buy, in strong May Rose or May Rose Golden Secret breeding. Trace of Dolly Dimple blood desirable. Animal must be large and of first class conformation.

Do not care for offers outside New England and New York State. Send extended pedigree and photo.

Address

S. & S.

Care Guernsey Breeders' Journal

Shorewood Farm

"Where are the COWS that are worthy to be the DAMS of our HERD SIRES?"

We submit the list below for your careful consideration.

They combine to a wonderful degree the desirous qualities

SIZE TYPE PERSISTENT PRODUCTION

	MILK	FAT		CLASS
Pearl's Dot	9820.8	531.66		GG
	11696.5	612.29		EE
	14644.1	753.12		C
Pearl of Pomeroy	12114.0	618.65		E
	11798.9	583.67		AA
	15804.7	777.08		AA
Ma Chere Procris	10204.8	488.90		G
	14600.2	684.83		E
	5887.8	268.66	in 88 days	
Sequel's Deanie	11132.8	509.69		GG
	11643.0	637.64		D
Moss Rose XI. of the Barras	1087.9	49.17	in 21 days	

We offer future herd sires out of the above cows all sired by the three times Natl. Grand Champion

LADYSMITH'S CHERUB A. R.

BREED THE BEST—IT PAYS

Shorewood Farm Crystal Bay, Minn.
D. D. Tenney, Owner C. S. Holgren, Mgr.

Breeders' List

Your name may be listed here by states for one year by sending us $5.00. This also entitles you to a year's subscription to the Guernsey Breeders' Journal. If you are already a subscriber to the Journal an adjustment will be made.

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Brant, D. O., Elliott-Brant Rancho, Owensmouth, Los Angeles County
Dupee, W. H., Edgemoor Farm, Santee
Frey, E. R., Byron
Wilder, G. W., Hollow-Hill Farm, Colton

Georgia

Rawlings, William, Fern Crest Dairy, Sandersville

Kansas

Holmes, C. F., Overland Guernsey Farm, Overland Park
Krueger, R. C., Burlington
Marley, J. W., Oswego

Maine

Hillside Farm, Greenville

Massachusetts

Leman Farms, Hopkinton
Linda Vista Farm, Holliston
Shaw, Robert Gould, 2d, Newton Center

Michigan

Chalmers, John C., 1224 Olivia Ave., Ann Arbor
Peaceful Vista Farm, R. 3, Redford

New Jersey

Barry, H. R., Far Hills
DeMott, William, Madison
Hope, J. L., Madison
Murtagh, Hugh H., Hopewell
Upton Pyne Farm, Bernardsville

New Mexico

Taylor, J. W., R. 1, Las Cruces

New York

Annandale Farm, Mt. Kisco
Buckley, Albert G., Valley Falls
Downs, E. R., R. No. 9, Fulton
Lamont, H. S., Cobleskill
Moore, Claude, Tivoli
Waldorf Farms, North Chatham
Walter, E. A., New York City
Weaver, Leslie, Rhinebeck
Webb Farms, Clinton Corners
Wilbur, Chas. E. & Son, Greenwich

Ohio

Avalon Farm, E. C. Peck, Propr., Macedonia
Baker, E. H., Gates Mills
Geauga County Breeders' Association, The, Chardon
Ramseyer, A. C., Smithville
Ruedi, John C., Ravenna, R. F. D. 5. Box 24
Schaffer, Forest S., Van Wert, R. 6
Shantz, John R., R. 2, Morral
Steiner, Ivan, Wooster, R. 2.
Wilderson, C. G., Leetonia

Oklahoma

Primrose Farm, Mort Woods, Propr., Ardmore

Oregon

Coffin, F. A., Lencoff Farm, R. 3, Albany

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Hayden, C. A., Monongahela
Maule, Edwin B., Coatesville
Wilsman & Tone, Canonsburg

Vermont

Phillips Farm, Montpelier

Virginia

Virginia Guernsey Farm, John R. Dickey & Son, Bristol

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FOR SALE. Yearling bull. Fine individual. Six bull calves; special offer. Governor of the Chene breeding. Crab Tree Farm, Lake Forest, Illinois

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TYPY sons of Follyland Juvenal, half-brother of Follyland Nancy. From A. R. and high producing dams. Prices right. Federal supervision. Mayunsook Farm, North Adams, Mass.

NINE Registered Guernsey Bulls, 1 to 10 months. Sires, Langwater Foremost, Glen Gable Friendship, 3 sired by son of Glenwood's Buttercup, 769 lbs. fat at 3 years. Prices $60 to $200. H. B. Shenk, Elverson, Pa.

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BOSTON, - MASS.
STOCK BARN FITTINGS
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SUPPLIES

IT'S FEED
That Makes Records
Many Large
GUERNSEY
A. R. Records
Have been made by the
FULLER SYSTEM
Complete instructions for year's work $75. Write for proof to
FULLER FEEDING SERVICE
Brattleboro, Vt.

READY FOR SERVICE
Have several high class young bulls. Most are from High Producing A. R. Dams. Will be year old in July, August and September. May Rose and May Rose-Glenwood cross. Prices are low for quality.
FRISSDALE FARM
HOPKINS R. No. 1 MINNESOTA

F. W. ANDREWS & SON
Auctioneers
Men who know and can sell Guernseys
New Philadelphia Ohio

University Wisconsin B. S. Degree in Agriculture
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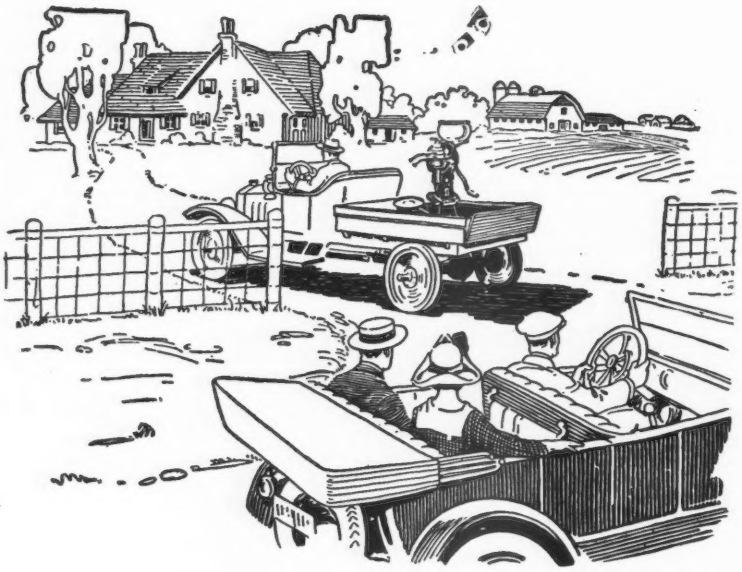
FOR SALE—2 Bull Calves, 9 months old, splendid individuals, medium fawn and white, nicely marked, straight backed, clear noses, buff hoofs, guaranteed breeders—Price $125 each. Also 2 cows, one 6 yrs. old. Sire—Ledyard Boy 2d A. R. Dam—Old Faithful's Lassie A. R. Fine large cow nicely marked. One 3 yrs. old, Sire—Guinette's Ledyard Boy. Dam—Old Faithful's Lassie A. R., nicely marked. Both have light noses and bred to a grandson of Ne Plus Ultra. Price $275 each. Herd free from tuberculosis and abortion. Twin Oaks Farm, Ovid, N. Y.

It's a New De Laval



Many new De Lavals will be delivered to farmers this summer, and they will soon pay for themselves.

In fact, De Laval Separators pay for themselves many times over; and as the number of cows increases, it pays to buy new up-to-date De Lavals of larger capacity.

The local De Laval agent will gladly take a new separator out to your place, set it up, and let it prove by its performance that it skims clean and is easy to turn and easy to clean, even under unfavorable conditions.

A new De Laval will pay for itself in a few months because of the cream it saves---and besides it saves labor and time.

If a demonstration is wanted, call the local De Laval agent. If you do not know him, write nearest office

THE DE LAVAL SEPARATOR CO.

165 Broadway NEW YORK | 29 East Madison Street CHICAGO | 61 Beale Street SAN FRANCISCO

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Description and prices sent on application. Millions of these have been sold without adverse criticism.
Thousands of these bull staffs are used by the largest of all breeds of cattle.

H. A. MOYER, Inc Syracuse, N. Y.

Wanted--A Working Herdsman

For a Herd of Pure Bred Guernseys

Herd just started with four foundation cows and bull, whose two nearest dams average 886 886 pounds. Herd will be increased during winter to fifty head by a year from now. Testing will be started soon after January 1st. Want a man who believes the Guernsey is the only cow and is willing to do farm work during the fall and winter until herd reaches size requiring all of his time. Must be single and appreciate home with manager of the farm in strictly modern farmhouse. Write fully, giving age, religion, experience and wages expected or no attention paid.

Address, Room 611
Manhattan Building, Chicago, Illinois

Wern Farms Guernseys

Well bred young bulls out of A. R. dams for sale. Sired by Lura's King of Maplehill, a son of Langwater Hayes' Rosie's King of the May, and a grandson of King of the May and May King's Vrangue of Ingleside. Dam is Lura's May of Maplehill with a record of 673 lbs. fat, class F. Dams of most of the bull calves are sired by Rhea's King of the May.

GRADES

We also have a selection of choice grades, and can spare a carload of close springers.

Visitors welcome. Address

D. L. Williams Waukesha, Wis.

FOR SALE

PURE BRED GUERNSEYS

Either sex, out of Imported and home bred cows. Bulls from two months to fourteen months old. Some very fine heifers and also a few aged cows safely in calf.

Bulls will be sold at farmers' prices

TAPPAN STOCK FARM

Tel. 141-15 WINTHROP, MAINE

FOR SALE

Heifers and Heifer Calves out of A. R. Cows

R. H. DUTTON - Colmar, Penn.

High Grade Guernseys

25 springing cows; 17 two year olds; 15 yearlings. All marked like pure breds. Also a few head of Registered Guernseys.

OAKLAND GUERNSEY FARM
Mukwonago, Wisconsin

A BULL

That Will Help

Born Nov. 1, 1918

Sire—Don Iago of Linda Vista 28387.

First two daughters with their first calf will make over 500 lbs. of fat each in a double letter class.

Dam—Imp. Milly of the Blicqs 39446 A. R.

Record—10607 lbs. milk; 514 lbs. fat in Class D. The closer you hunt his record the better he looks.

Write for pedigree and price list.

Morgan D. Dillon

R. R. No. 4 AKRON, IND.

ROY C. BUZZELL Auctioneer

As I have been a breeder of Guernseys for several years, I know and love them, and I long to sell them at your next sale. I will give you the best of service and satisfaction.

Write or wire for dates.

STANLEY WISCONSIN

MAY ROSE and SEQUEL Guernsey Bulls for Sale

Dams 500 to 750 pounds fat. Sale List.

HOMER F. RUNDELL Livingston, Wis.

FOR SALE

Grade Guernsey Heifers

From six months to two years old. Some bred and some not bred.

ROLLWOOD FARM, GUILFORD, CONN.

TO AVOID INBREERING

I will sell or exchange my herd bull, Rex of Bonny Lea 53644, combining the blood of Golden Secret, Spotswood Daisy Pearl, Clara's Sequel and Lynchmere Marie, 854.80 lbs. of fat.

ALFRED ANDERSON, Holton, Mich.

COWS on grass alone go down rapidly in milk flow and bodily vigor when the drought comes or when the grazing season is over. Spring-freshened cows, fed Sucrene Dairy Feed while on pasture, keep up their heavy milk flow through fall and winter. Fall-fresh cows are in better condition for calving.

"Sucrene Dairy Feed has made me more money than any feed I ever bought. It produces larger quantities of milk at low cost and keeps stock in the best of health, with practically no calving troubles."—Thos. Y. Hackett, Daretown, N. J.

Sucrene Dairy Feed backs up the stimulating effects of grass—is many times stronger than the finest pasture in milk making and body-maintaining nutrients. Butter made from cows fed Sucrene while grazing is firm and crispy—not smeary like butter from cows on grass alone.

Composed of wheat bran, linseed meal, prime cottonseed meal, cocoanut meal, corn gluten feed, corn feed meal, ground and bolted grain screenings, clipped oat by-product, molasses, salt, calcium carbonate.

Guaranteed analysis: 16½% protein, 3½% fat, 48% carbohydrates, 10% fibre.

Try this feed. Order a ton from your dealer. If he cannot supply you write us The coupon brings you full information on Sucrene Feeds.

American Milling Co.
Dept. 59 Peoria, Ill.

American Milling Co., Dept. 59 Peoria, Ill.
Please send me illustrated literature on feeds checked below:
- Sucrene Dairy Feed
- Sucrene Calf Meal
- Sucrene Hog Meal
- Sucrene Poultry Mash with Buttermilk
- Sucrene Scratch Feed
- Empire 20% Dairy Feed
- Amco Dairy Feed (25% protein)
- Amco Fat Maker for Steers

My Dealer's Name.....

P. O.....State.....

My Name.....

P. O.....State.....

Offsprings of Cherub's Prince 41543

Grand Champion Bull of Iowa

FOR SALE

Do you want one of the splendid bull calves in your herd? We have four out of good cows for sale.

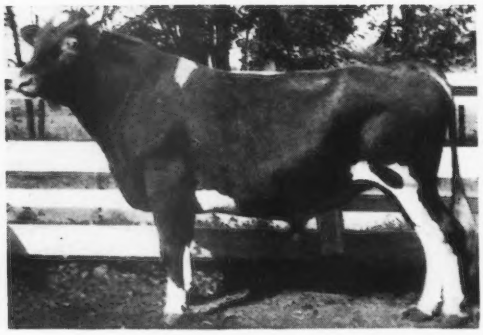
KENWOOD FARM, Inc.

R. F. D. 2 - - SHELBURNE, VT.

For Sale

A FEW BULL CALVES

WRITE US WHEN IN MARKET FOR REGISTERED GUERNSEYS



Bay Cliffs Stock Farm

J B. Deutsch, Owner

HERD SIRE

John Fancy of Edgewater 39211
8% May Rose 2d
12.5% King of May
15.625% Golden Secret

May Rose Secret of Pencoyd 27344. Carries 75% same blood lines as Pencoyd's Golden May Secret, $10,109 animal owned by W. H. Dupee of Cal.

Imp. Fanisinjon 35402
8221.6 lbs. milk
436.3 lbs. fot

GUERNSEY PEDIGREES

IF YOU WISH PROMPT SERVICE CONSULT US
(ORDERS HANDLED BY RETURN MAIL WHEN SO DESIRED)
ANYTHING IN THE GUERNSEY LINE FROM COMPLETELY EXTENDED TYPEWRITTEN PEDIGREES, SALE-CATALOGS TO DESCRIPTIVE HERD CIRCULARS

For Prices and Full Particulars

Ithaca Sales & Pedigree Company

104 UTICA STREET ITHACA, N. Y.

POSITION WANTED

AS FARM MANAGER OR SUPERINTENDENT

of pure bred stock farm by practical and scientific farmer in live stock breeding and feeding; College graduate; A1 calf raiser; capable of managing men, producing certified milk, caring for and operating modern farm machinery; life-time experience as farmer. Had charge of Government dairy and experimental work during war; married, no children; thirty-three years old; honest and industrious with no bad habits. Best references as to ability and character.

LOGAN J. RIDINGS AUGUSTA, ILLINOIS

ON THE

HILLSIDE FARMS

AT

GREENVILLE, MAINE

GUERNSEYS

with unquestionable breeding are being bred, and we now offer to the public BULLS, COWS, HEIFERS and Young Stock at prices that are right.

Herd under Government Supervision and A. R. Test.

Get some of this blood flowing through your herd.

JEAN DU LUTH FARM

MAY ROSE GUERNSEYS

In 1919, our Guernseys were shown at seven western shows, including the Pacific International. Our Red Polls were shown at fourteen shows, including the Chicago International, and we won Grand Championship on all our females at every show with both herds.

Write us for prices on A. R. stock.

JEAN DU LUTH FARMS,
Duluth and Nickerson, Minn.

MAY ROSE BULLS

FOR SALE
FROM A. R. COWS

Herd Sires:

Jacqueminot of Linda Vista 23564 A. R. Carries 22.875% blood May Rose II.

May King of Sweet Springs 32082 A. R.

SWEET SPRINGS FARM

Troy, Ohio

Henry M. Allen, Owner J. G. Mason, Supt.

IF you want the best Guernsey Female that $2000 will buy, address B. W. H., care of Guernsey Breeders' Journal. Will quote lower price reserving right to repurchase.

LET US DO YOUR PRINTING

We do printing of an individual, distinctive nature for Business Farmers.
Send for Free Sample of letter-heads, envelopes, etc., with price list.

BRINCKERHOFF PRESS
New Canaan - - - - Conn.

TIMBERED LAND

320 acres for sale at less than timber is worth

WILL TRADE
PART OR ALL FOR GUERNSEYS

E. LeRoy Brown, Marion, Mich.

FOR SALE

A grandson of GOVERNOR OF THE CHENE, out of high producing dam. Nicely marked, good top line and priced to sell.

MARY-DALE FARM ALBIA, IOWA

BOHART'S GUERNSEYS

are on official test for the Advanced Register, and will all qualify in the double letter classes.
Herd sires: Prince Fern of Old Orchard, dam 513 pounds fat. Estrella's Major 24625. Look him up.

W. O. BOHART Bozeman, Mont.

THE PEER IMPORTATIONS

Today, as over twenty-five years ago, represent

The Best the Island Produces

From a recent importation we can now offer FOR SALE
20 CHOICE YOUNG COWS, fresh or near calving
75 HEIFERS, with calf or ready for breeding
5 YEARLING BULLS of serviceable age

Write for information

Frank S. Peer

Osceola Farms **Cranford, New Jersey**

A "Peer" Selection is a Good Guarantee

Stockdale Farms

Hynicka Bros. Inc.

Lebanon, Pa.

HERD SIRES

STOCKDALE MASHER 29081
A son of Imp. Masher's Sequel 11462 A. R.

TRIPLE GOLDEN BOY 43140
A Grandson of Imp. Golden Secret 12599 A. R.

MACEY'S GOLD SEEKER OF A. D. F. 37632
A Grandson of Imp. Golden Secret 12599 A. R.

We offer for sale Bull Calves by above sires out of A. R. dams
A few foundation Females bred to these sires
Satisfaction Guaranteed

LANGWATER FARMS

F. LOTHROP AMES, Owner

NORTH EASTON, MASS.

ANNOUNCE AN AUCTION SALE ON

TUESDAY, SEPTEMBER 21, '20

OF A SELECTION OF FIFTY HEAD
FROM THEIR FAMOUS HERD OF

GUERNSEYS

At which time breeders will be given an opportunity to select from the cream of the breed, such as sons and daughters of:-

Imp. King of the May 9001 (A. R.)
Langwater Warrior 26509 (A. R.)
Langwater Holliston 28055 (A. R.)
Langwater Fashion 23660 (A. R.)
Langwater Valiant 51868
Langwater Model 28061
Langwater Foremost 39191
Langwater Renown 39636
Langwater Steadfast 31672

All sires of the first quality and of the best blood of the breed, who have the ability to sire large producers of the finest individuality and greatest powers of reproduction---which means improvement of type and increased production in any herd.

FOR CATALOGUE ADDRESS

LEANDER F. HERRICK

SALE MANAGER

405 MAIN STREET WORCESTER, MASS.

LANGWATER FARMS

F. LOTHROP AMES, Owner

NORTH EASTON, MASS.

ANNOUNCE AN AUCTION SALE ON

TUESDAY, SEPTEMBER 21, '20

OF A SELECTION OF FIFTY HEAD
FROM THEIR FAMOUS HERD OF

GUERNSEYS

LANGWATER HEADS THE CLASS LEADERS

Langwater Cows hold the following places in the Class Leaders:

Class A	**Third Place**
" "	**Fourth Place**
Class B	**Third Place**
Class C	**Fourth Place**
Class D	**First Place**
Class EE	**First Place**
Class F	**First Place**
Class G	**First Place**

Of the first five cows in each of the seven Advanced Register classes (35 animals) 10 are either Langwater bred or by Langwater sires

Of all the class leaders (70 animals) 20% are either Langwater bred or by Langwater sires

The following are the averages obtained for cattle of Langwater blood at the Combination and Florham Farm sales:

1918 Combination	21 animals sired by Langwater sires averaged	$2,201.19
1919 Combination	29 " " " " " "	3,215.17
1920 Combination	15 " " " " " "	2,628.33
1920 Florham	9 " " " " " "	4,075.55

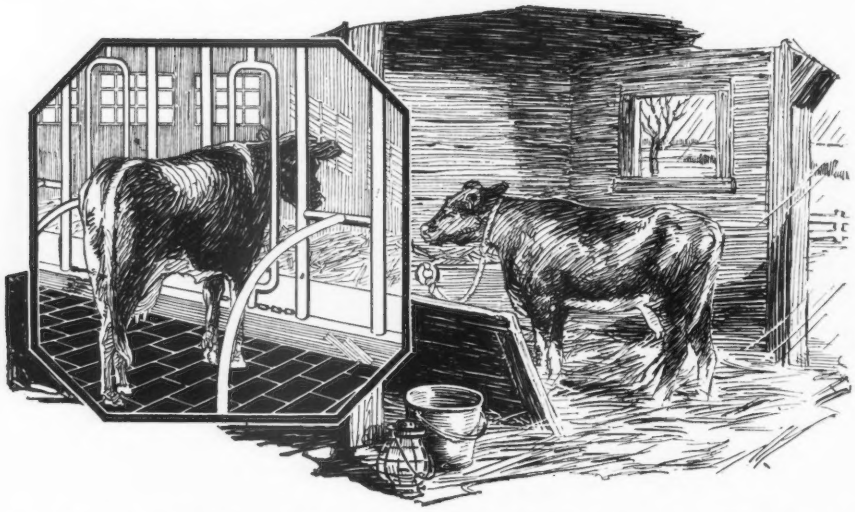
74 head sold for $215,580, average $2,913.24

The use of Langwater sires adds to the dairy production, beauty of the individual, and selling value of the progeny

FOR CATALOGUE ADDRESS

LEANDER F. HERRICK

405 MAIN STREET **WORCESTER, MASS.**



Why Cold Stall Floors Make Poor Milkers Out of Good Ones

To those dairymen who are still unconvinced that warmth and comfort for their herds are necessary to maintain milk production, we suggest the following simple test:

Take two cows that are as nearly identical as it is possible to get them in breed, age, weight and milk production. Now give both cows the same rations; but stable one in a barn that is warm and comfortable, and tie the other under an open shed in cold weather. In a short time you will notice that the production of the cow under the shed has diminished considerably, due to the fact that a large part of her feed has been consumed in keeping up her body temperature. But the cow that is kept in the warm barn will continue to produce her normal amount of milk.

Now cold stall floors affect dairy cows much the same as cold weather does. The cold floors absorb an excessive amount of heat from the animals' bodies and reduce milk production. But when stalls are paved with Circle A Cork Brick, just the reverse is true—for Cork Brick are warm to the touch, summer and winter. They take up very much less body heat and the cattle convert the proper proportion of their rations into milk. Furthermore, unusually heavy feeding is not necessary to keep the cattle warm, as is the case when they have to overcome the discomforts of floors that are hard and cold.

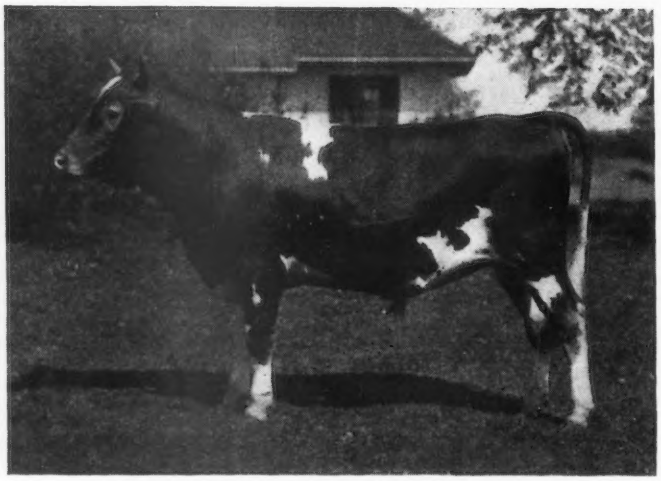
After reading the 28-page book, "Better Stall Floors," thousands of dairymen and breeders who once believed that the only requisites of good stall floors were sanitation and durability, have changed their minds. Ask us to send you a copy of this book and a sample Circle A Cork Brick.

Armstrong Cork & Insulation Company, 119 Twenty-fourth St., Pittsburgh, Pa.

Circle A Cork Brick
FOR ALL STALL FLOORS

LONE PINE FARM

ANGUS **Barron County** **WISCONSIN**



PAOTO AT 14 MONTHS—WEIGHT 865 POUNDS

SIRE

Langwater Hayes Rosie's King of the May 16723. Ten Advanced Register Daughters average 590.94 lbs. fat at average age of 2 years 10 months.

DAM

Lady's Hope of Maple Hill 44843 (A. R. 5700). 15,126.40 lbs. milk, 776.63 lbs. fat (7th cow in Class D.) Now on retest in class A. She is a daughter of May King's Vrangue of Ingleside 15430.

LONE PINE AGITATOR 56691

Agitator is being bred to all our best females, including the Gerar Pearl Cows, and the Langwater Cows and their daughters
We have for sale several bull calves of excellent breeding

Address Correspondence to

HENRY L. STOUT **503 McCormick Building** **CHICAGO, ILL**

Taite Hall Farm

OFFERS CHOICE BULL CALF DROPPED MARCH 28, 1920

May Rose's Anton

- **Augusta's Anton 49212**
  - Anton's May King 27387 Double Grandson of May Rose King
  - Augusta of New Castle 37197. 9505 Milk: 472.9 Fat. Class A. Granddaughter of Governor of the Chene
- **May Rose of Rocky Reach 82775**
  - May King of Linda Vista 17946 5 A. R. daughters
  - Silenia's Primrose 34764 12109 Milk; 586.6 Fat Dam of Nugget's Primrose 48835 8th cow in Class G. 15436 Milk; 705 Fat

PRICE ON APPLICATION

Manning S. Taite **Taite Hall Farm**

Tunkhannock, Pa.

CHOICE YOUNG GUERNSEYS

FOR SALE

The Colonel's King of the May 59582

DROPPED MAY 5, 1918

Sired by Yeoman's King of the May 17053—Sire of 34 A. R. daughters.

Dam—Mixter Pauline 58035. A. R. record: 7415.8 lbs. milk; 436.50 lbs. butter fat. Sired by Langwater Demonstrator 16451—Sire of 89 A. R. daughters.

Outpost Masterpiece 62549

DROPPED MARCH 31, 1919

This is another son of Mixter Pauline 58035—Sired by Woodlands Roosevelt 41720.

ALSO SOME FINE GUERNSEY BULL CALVES

Sired by Langwater Nobleman 31328; three to six months old; from dams which have qualified for Advanced Register.

ONE HEIFER CALF 4 months old; sired by The Colonel's King of the May 59582, out of May Queen of Oakhurst 51611; A. R. record 8087.4 lbs. milk; 459.16 lbs. butter fat.

Outpost Farm

Ridgefield, Conn. **Telephone, Ridgefield 35**

My papa will sell some of the biggest and best Guernsey auctions in the world.

GET YOUR DATE NOW

Laurel

Address

MAJOR OLIVER S. JOHNSON

Guernsey Auctioneer

TIPTON **IOWA**

PERSON STOCK FARM

HERD SIRES

MAY ROSE GOLDEN SECRET 34920

Sire—Langwater Golden Secret 26510 A. R. A son of Imp. Golden Secret A. R. out of an A. R. daughter of King of the May A. R.

Dam—May Rose Combination of Pomeroy 38026 A. R. By Langwater Royal A. R., a son of Imp. King of the May A. R., out of a granddaughter of Imp. May Rose King A. R.

REX OF MINOT 48671

Sire—Rex of Rich Neck 31472. A son of Lavanton A. R. out of Bloomfield's Pandora A. R.

Dam—Glencoe's Rose of Maple Hill 61018 A. R. By Langwater Hayes Rosie's King of the May A. R., out of an A. R. daughter of May King's Vrangue of Ingleside A. R.

We offer Bull Calves by above sires out of A. R. dams with good records
Also a few Young Cows, some with A. R. records, bred to the above sires

SEND FOR LISTS

E. S. Person **Union National Bank** **Minot, N. D.**

BULL CALF

Long Meadow's Traditioner

BORN APRIL 30, 1920

A Beautifully Marked Individual

Clear Nose and Straight Back

SIRE—Belle's Onondaga Brave Lad
His grandsire is Guinett's Ledyard Boy A. R. Sire of 2 A. R. daughters and son of Ledyard Boy A. R., sire of 5 A. R. bulls and 10 A. R. cows including Azucena's Pride 2d A. R. 162 3.9 lbs. milk; 855.70 lbs. butter fat. Second in Class C leaders.

DAM—Molly of De Ruyter Stock Farm
From the famous DeRuyter herd which has for a number of years made the high average 5.5%.

Here is production in plenty and a typical Show Ring Bull.

PRICE $150

Long Meadow Farm

Carl G. Brown **Strasburg, Pa.**

DAIRYLAND FARM

Storm Lake, Iowa

VELMA OF MAPLEDELL 63841

1st Prize National Dairy Show, 1919. Herd Headed by Plato of Four Pine 43396. We emphasize Form with Production. Our show herd will be exhibited at the leading fairs of the middle west again this year. We invite you to visit our exhibit and get our descriptive list of animals for sale.

We are offering a few young bulls and heifers for sale at this time

For Further Information Address

ALBERT HYZER, Manager, STORM LAKE, IOWA

SAUGERTIES FARM GUERNSEYS

JAMES O. WINSTON, OWNER

For Sale---SAUGERTIES MODERATOR---Dropped November 28, 1919

SIRE

Ultra May King 27600 A. R.

Sire of 5 A. R. Daughters and High Point Cavalier, recently sold for $16400, and Saugerties Royal Prince who sold for $5400 at the 1920 Combination Sale.

DAM

Faucette's Morning Glory 23446

A. R. Record: 9869.50 lbs. Milk; 514.73 lbs. Fat. Class A.

Dam of Saugerties May Glory 70868. A. R. Record: 10699.80 lbs. Milk; 566.60 lbs. fat. Class G.

Dam of Raymond's Morning Glory 42504. A. R. Record: 13144.9 lbs. Milk; 731.01 lbs. Fat. Class A.

PRICE ON APPLICATION

Federal Accredited Herd Certificate No. 1511

SAUGERTIES FARMS P. O. Box 134 SAUGERTIES, N. Y.

NO
ADVERTISING CAMPAIGN

is complete without
the services of the

GUERNSEY
BREEDERS'
JOURNAL

Now is the time to complete
Your Campaign

AMERICAN GUERNSEY CATTLE CLUB
PETERBORO - - NEW HAMPSHIRE

STOCKDALE FARMS

OFFER FOR SALE

7 BULL CALVES

BARGAIN PRICES

Ages 1 to 6 months

From High Producing A. R. Dams

Sired by

Stockdale Masher 29081

A son of Imp. MASHER'S SEQUEL 11462 A. R.

Triple Golden Boy 43140

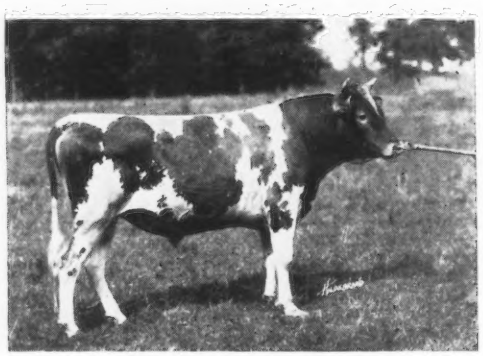
A grandson of IMP. Golden Secret 12599 A. R.

Write for Descriptions and Particulars

Hynicka Bros. Inc.

Lebanon, Pa.

Florham Farms Guernseys



ULTRA SELECT 47137

A few cows whose calves I desired to retain in the herd and which were therefore not included in my May Sale, will be offered, when fresh, throughout the summer. These will be priced reasonably.

HERD BULLS

ULTRA SELECT 47137
Inbred Son of Ne Plus Ultra and worthy successor of his sire

FOLLYLAND JUSTICE 41285
Son of Follyland Nancy 52457 A. R. 712.60 lbs. fat at 2 years

ANTON'S MAY KING 27387
Double grandson of May Rose King 8336
Son of Anton's May Rose 27293 A. R. 766.0 lbs. fat at 5 years

IMP. HAYES ROYAL III 22237
Sire of Follyland Nancy and two 600 lb. cows

FLORHAM WARRIOR 34371
NOBLE OF FRANCE 20429
Noteworthy sons of Ne Plus Ultra

J. L. HOPE

Madison **New Jersey**

Herd Founded
1889

1920

Sunnyside Farm

SONS OF

IMP. MASHER'S GALORE, IMP. HOLDEN IV., LANGWATER RIVAL
AND ITCHEN DAISY'S MAY KING OF LANGWATER
Have headed the herd in the past twenty years

Ulta Criterion of Fernbrook 52249

NOW IN SERVICE

His six A. R. dams average 15694.5 lbs. milk; 794.41 lbs. fat
Every animal in herd passed the Federal test. Have never had a reactor
Address correspondence to

RAY H. ALEXANDER - - Union Springs, N. Y.

"In the Heart of the Finger Lake Region"

FOLLY FARM GUERNSEYS

Libertyville, Ill.---35 Miles North of Chicago

Economical Production Proper Blood Lines Correct Type

WE OFFER FOR SALE THE YOUNG BULL

FOLLY REX 59394

Dropped April 2, 1919 **Price $250.00 f. o. b.**

SIRE: Allenwood King Regent 23641 A. R. Six A. R. daughters with others on test. His three nearest dams average over 822 lbs. fat. He traces to Governor of the Chene 1297 P. S. three times in four generations.

DAM: Imp. Mabel of Sarnia 35609 A. R. 8013.1 lbs. milk; 365.18 fat. She is the dam of Folly Daisy 66497 A. R. 8878.5 milk; 416.89 fat in Class G., also of Folly Princess 59287 now on test in Class B., in 183 days has 6177.5 milk; 274.16 fat.

This bull is light fawn color with one third white. Clear nose and level top line

A good husky bull of show quality ready for service

Correspondence and Inspection Invited

R. H. Donnelley, Prop. **Address E. S. Warren, Mgr.**

Federal Accredited Herd for Second Consecutive Year

Cows on Official Test At All Times

Herd Bull

LANGWATER KNIGHT 46830

Double Grandson of King of the May
Sire—Langwater Warrior 26509 A. R.
A grandson of ITCHEN DAISY III
Sire—Imp. King of the May 9001 A. R.
A son of ITCHEN DAISY III
Dam—Imp. Langwater Lily 26696 A. R. 1409
A daughter of Golden Secret 12599 A. R.
Dam—Langwater Generous 41599 A. R. 4353
11834.8 lbs. milk; 588.33 lbs. fat, class F.
A granddaughter of ITCHEN DAISY III.
Sire—Imp. King of the May 9001 A. R.
A son of ITCHEN DAISY III
Dam—Florham Pride 20153 A. R. 932
A daughter of May Rose King 8336 A. R.
Knight carries 29 11-16 of the blood of MAY ROSE II

Our Bulls Should Inherit PRODUCTION—
They Have TYPE

Federal Accredited Herd—No. 1530

WYEBROOK FARM
GUERNSEYS

Address correspondence to

WYEBROOK FARM

Loudounville, N. Y.

Telephone Main 709 Albany, N. Y.

Notice the similarity of blood in our Herd Bulls

LANGWATER DAIRYMAID A. R. 1460

16949.2 lbs. Milk; 812.66 lbs. Fat, class A

"The best cow that the May Rose-Dolly Bloom line has produced."

Herd Bull

WYEBROOK SUPREME 58407

A son of Langwater Dairymaid
Sire—Ne Plus Ultra of Wyebrook 40129
Sire—Ne Plus Ultra IV 29328 A. R.
A grandson of ITCHEN DAISY III
Dam—Imp. Rosie V. of the Bourg de Bas A. R. 2802; 14065.1 lbs. milk; 755.62 lbs. fat, 3½ yrs. old. A GG granddaughter of Golden Secret.
Dam—Langwater Dairymaid 26377 A. R. 1460
16949.2 lbs. milk; 812.66 lbs. fat.
A daughter of ITCHEN DAISY III
Sire—Jethro Bass 11366 A. R.
A son of King of the May
Dam—ITCHEN DAISY III A. R. 100
13635.8 lbs. milk; 714.10 lbs. fat. Class B.
Supreme carries 39 1-16 of the blood of ITCHEN DAISY III.

Our Cows should transmit TYPE—*They Have PRODUCTION*

We have never had a reactor on the farm

FOR SALE---BULL CALF OF THE CHOICEST BREEDING

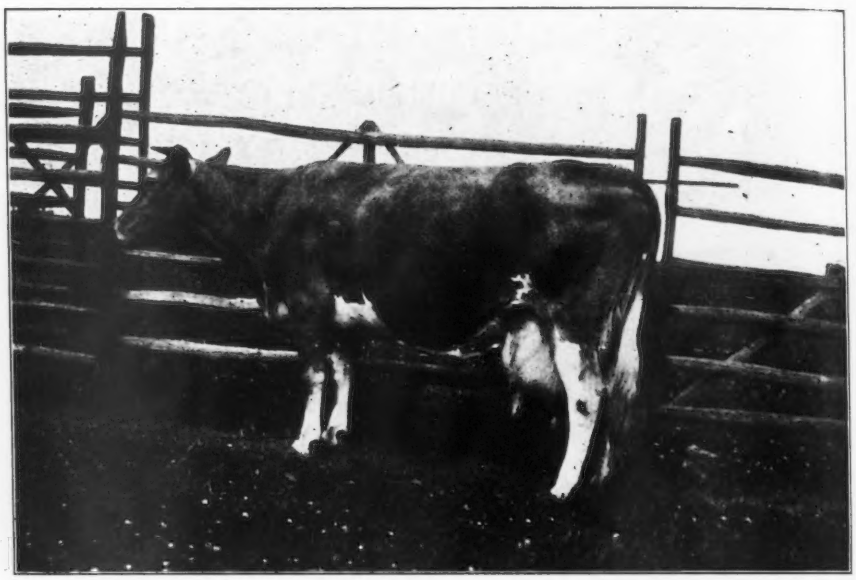
DROPPED MAY 6, 1920

Sire—Marva's High Bred 29667
Sire—Deanie's Rose King (own brother to Gold Dust's Elite A. R. 871.28 butter fat.
Dam—Marva of Elm Leigh A. R. (Daughter of Triple Champion A. R. and Marva 2d A. R.

Dam—Sweet Briar of the Glen A. R. 12417.40 milk; 584.46 fat.
Sire—Jewel's Independence A. R. Sire of 10 A. R. daughters, including Pearl Maiden of the Glen, 621.47 fat. The dam of Pearl Rose of the Glen 884.21 The dam of Pearl Rose of Beaver Ridge 688.80.
Dam—Sweet Clover of the Glen A. R. 408.97 fat.

As the same owner has both sire and dam of this calf, also a full sister, and a son of the same sire as second bull in the herd, this most promising young animal should go to head of some good herd.

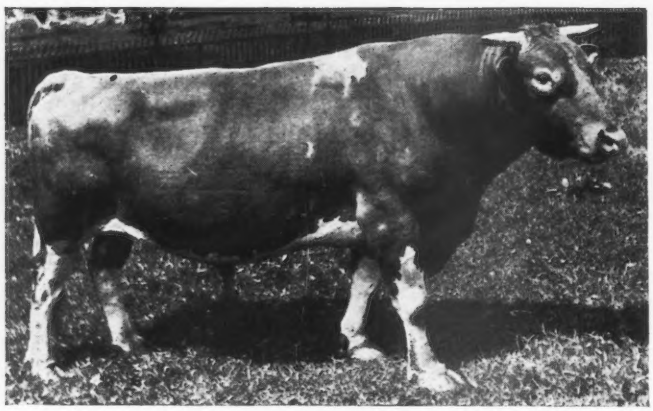
Price $300.00



SWEET BRIAR OF THE GLEN 25739—584 lbs. fat Class EE

ADDRESS, INTERLACHEN FARMS FALL RIVER, MASS.

MAPLE SHADE FARM



LANGWATER ROYAL 14253 A. R.

All of the last six Herd Bulls are strong in the May Rose Blood

FOR SALE—Four sons of Laverna's Ultra May King 24660
Two sons of Langwater Royal 14253

Special mention of the choice of two sons of Langwater Royal out of daughters of Laverna's Ultra May King

PRICE $1500

The other will be retained for use in the herd

HERD SIRES

Langwater Royal 14253 A. R.

Sire—Imp. King of the May
Dam—Langwater Royal Rose

Laverna's Ultra May King 24660

Sire—Ne Plus Ultra
Dam—Rose King's Laverna A. R. 2717, a daughter of Imp. May Rose King

Gerar Pearl's Royal 58411

Full brother to

Royal's Pearl A. R. 4384	788.37 fat	D
Pearl of Pomeroy A. R. 4769	583.67 "	AA
Pearl's Dot A. R. 6140	531.66 "	GG
re-entry	612.29 "	EE

Sire—Langwater Royal 14253
Dam—Gerar Pearl A. R. 1107. Made four records and dropped eleven calves before she was 12 years old

M. T. Phillips Pomeroy, Pa.

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WILL HOLD THEIR

SECOND ANNUAL SALE

AT THE STOCK PAVILION, MADISON, WIS.

WEDNESDAY, OCTOBER 13, 1920

Consignments to

WISCONSIN'S GREATEST SALE

will include

Splendidly Bred Cows, many with Large Butter Fat Records
Choice Heifers out of Cows of Great Production
A Few Choicely Bred Proven Bulls

This sale is held under the auspices of the WESTERN GUERNSEY BREEDERS' ASSOCIATION and is managed by a Committee of seven Wisconsin Guernsey Breeders, as listed below. All animals accepted have passed the personal inspection and approval of members of this committee. This insures for the sale

75 Head of the Best Guernseys From the Best Herds in Wisconsin

This event will be held on the day following the Guernsey judging at the National Dairy Show. A meeting of the Western Guernsey Breeders' Association will take place on Tuesday evening, the evening previous to the day of the sale.

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